

PARK OHIO HOLDINGS CORP

Form 10-Q

November 06, 2018

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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended September 30, 2018

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number: 000-03134

Park-Ohio Holdings Corp.

(Exact name of registrant as specified in its charter)

Ohio

34-1867219

(State or other jurisdiction of incorporation or organization) (I.R.S. Employer Identification No.)

6065 Parkland Boulevard, Cleveland, Ohio

44124

(Address of principal executive offices)

(Zip Code)

(440) 947-2000

(Registrant's telephone number, including area code)

Not applicable

(Former name, former address and former fiscal year, if changed since last report)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding twelve months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer

Non-accelerated filer Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accountings standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes No

Number of shares outstanding of registrant's Common Stock, par value \$1.00 per share, as of October 31, 2018:
12,701,656 shares.

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Park-Ohio Holdings Corp. and Subsidiaries

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Part I. Financial Information

Item 1. Financial Statements

Park-Ohio Holdings Corp. and Subsidiaries

Condensed Consolidated Balance Sheets

(Unaudited)
 September 30, 2018 and December 31,
 2017
 (In millions)

ASSETS

Current assets:

Cash and cash equivalents	\$62.9	\$ 82.8
Accounts receivable, net	287.8	242.6
Inventories, net	309.4	282.8
Other current assets	83.3	61.4
Total current assets	743.4	669.6
Property, plant and equipment, net	205.6	177.0
Goodwill	103.6	100.2
Intangible assets, net	101.4	99.5
Other long-term assets	88.4	86.2
Total assets	\$1,242.4	\$ 1,132.5

LIABILITIES AND SHAREHOLDERS' EQUITY

Current liabilities:

Trade accounts payable	\$181.7	\$ 173.7
Current portion of long-term debt and short-term debt	16.4	17.7
Accrued expenses and other	107.5	84.7
Total current liabilities	305.6	276.1
Long-term liabilities, less current portion:		
Debt	563.1	515.5
Other long-term liabilities	57.9	52.9
Total long-term liabilities	621.0	568.4
Park-Ohio Holdings Corp. and Subsidiaries shareholders' equity	302.7	276.0
Noncontrolling interests	13.1	12.0
Total equity	315.8	288.0
Total liabilities and shareholders' equity	\$1,242.4	\$ 1,132.5

Refer to the accompanying notes to these unaudited condensed consolidated financial statements.

Table of ContentsPark-Ohio Holdings Corp. and Subsidiaries
Condensed Consolidated Statements of Income (Unaudited)

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2018	2017	2018	2017
	(In millions, except per share data)			
Net sales	\$414.3	\$352.2	\$1,252.2	\$1,046.9
Cost of sales	348.4	295.5	1,048.1	875.4
Gross profit	65.9	56.7	204.1	171.5
Selling, general and administrative expenses	41.1	37.7	131.9	112.5
Gain on sale of assets	—	—	(1.9) —
Litigation settlement gain	—	—	—	(3.3
Operating income	24.8	19.0	74.1	62.3
Other components of pension income and other postretirement benefits expense, net	2.0	1.7	6.4	4.7
Interest expense, net	(8.9	) (7.8	) (26.1	) (23.1
Loss on extinguishment of debt	—	—	—	(11.0
Income before income taxes	17.9	12.9	54.4	32.9
Income tax expense	(3.2	) (2.7	) (14.5	) (9.4
Net income	14.7	10.2	39.9	23.5
Net income attributable to noncontrolling interests	(0.5	) (0.2	) (1.1	) (0.7
Net income attributable to Park-Ohio Holdings Corp. common shareholders	\$14.2	\$10.0	\$38.8	\$22.8
Earnings per common share attributable to Park-Ohio Holdings Corp. common shareholders:				
Basic	\$1.15	\$0.82	\$3.15	\$1.87
Diluted	\$1.14	\$0.80	\$3.09	\$1.83
Weighted-average shares used to compute earnings per share:				
Basic	12.3	12.2	12.3	12.2
Diluted	12.5	12.4	12.5	12.4
Dividends per common share	\$0.125	\$0.125	\$0.375	\$0.375

Refer to the accompanying notes to these unaudited condensed consolidated financial statements.

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Park-Ohio Holdings Corp. and Subsidiaries

Condensed Consolidated Statements of Comprehensive Income (Unaudited)

	Three Months Ended September 30, 2018		Nine Months Ended September 30, 2017	
	2018	2017	2018	2017
	(In millions)			
Net income	\$14.7	\$10.2	\$39.9	\$23.5
Other comprehensive (loss) income, net of tax:				
Currency translation	(2.7)	7.5	(8.9)	18.9
Pension and other postretirement benefits	0.1	0.2	1.5	0.6
Total other comprehensive (loss) income	(2.6)	7.7	(7.4)	19.5
Total comprehensive income, net of tax	12.1	17.9	32.5	43.0
Comprehensive income attributable to noncontrolling interests	(0.5)	(0.2)	(1.1)	(0.7)
Comprehensive income attributable to Park-Ohio Holdings Corp. common shareholders	\$11.6	\$17.7	\$31.4	\$42.3

Refer to the accompanying notes to these unaudited condensed consolidated financial statements.

Table of ContentsPark-Ohio Holdings Corp. and Subsidiaries
Condensed Consolidated Statements of Cash Flows (Unaudited)

	Nine Months Ended September 30,	
	2018	2017
	(In millions)	
OPERATING ACTIVITIES		
Net income	\$ 39.9	\$ 23.5
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	27.3	23.6
Stock-based compensation expense	6.5	6.3
Net impact of U.S. Tax Act	0.3	—
Gain on sale of assets	(1.9)	—
Loss on extinguishment of debt	—	11.0
Litigation settlement gain	—	(3.3)
Changes in operating assets and liabilities:		
Accounts receivable	(37.2)	(29.9)
Inventories	(23.2)	(15.7)
Other current assets	(9.8)	(14.9)
Accounts payable and accrued expenses	26.0	34.4
Litigation settlement payment	—	(4.0)
Other	(6.1)	(3.8)
Net cash provided by operating activities	21.8	27.2
INVESTING ACTIVITIES		
Purchases of property, plant and equipment	(35.9)	(18.9)
Proceeds from sale of assets	2.8	—
Business acquisitions, net of cash acquired	(36.8)	(10.5)
Net cash used by investing activities	(69.9)	(29.4)
FINANCING ACTIVITIES		
Proceeds from (payments on) revolving	48.3	(32.5)

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credit facility, net				
Payments on term loans and other debt	(2.8)	(27.7)
Proceeds from term loans and other debt	2.2		—	
(Payments on) proceeds from capital lease facilities, net	(3.5	)	0.1	
Issuance of 6.625% Senior Notes due 2027	—		350.0	
Repurchase of 8.125% Senior Notes due 2021	—		(250.0)
Debt financing costs	—		(7.5)
Premium on early extinguishment of debt	—		(8.0)
Dividends	(4.8	)	(5.0)
Purchase of treasury shares	(6.1	)	(3.6)
Payments of withholding taxes on share awards	(3.1	)	(2.3)
Net cash provided by financing activities	30.2		13.5	
Effect of exchange rate changes on cash	(2.0	)	5.1	
(Decrease) increase in cash and cash equivalents	(19.9	)	16.4	
Cash and cash equivalents at beginning of period	82.8		64.3	
Cash and cash equivalents at end of period	\$	62.9	\$	80.7
Interest paid	\$	19.0	\$	16.5
Income taxes paid	\$	14.8	\$	8.6

Refer to the accompanying notes to these unaudited condensed consolidated financial statements.

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Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
September 30, 2018

NOTE 1 — Basis of Presentation

The condensed consolidated financial statements include the accounts of Park-Ohio Holdings Corp. and its subsidiaries (collectively, “we,” “our” or the “Company”). All intercompany accounts and transactions have been eliminated in consolidation. During the third quarter of 2018, the Company corrected its classification of the second quarter 2018 gain on sale of assets from non-operating to operating income. This reclassification was deemed immaterial and had no impact on net income.

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by generally accepted accounting principles in the United States (“U.S. GAAP”) for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for a fair presentation have been included. Operating results for the three- and nine-month periods ended September 30, 2018 are not necessarily indicative of the results that may be expected for the year ending December 31, 2018. The balance sheet at December 31, 2017 has been derived from the audited financial statements at that date, but does not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements. For further information, refer to the consolidated financial statements and footnotes thereto included in the Company’s Annual Report on Form 10-K for the year ended December 31, 2017.

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

NOTE 2 — New Accounting Pronouncements

Accounting Pronouncements Adopted

In May 2014, the Financial Accounting Standards Board (“FASB”) issued Accounting Standard Update (“ASU”) 2014-09, “Revenue from Contracts with Customers,” a new comprehensive revenue recognition standard that supersedes previous guidance under U.S. GAAP. The core principle of the new standard is that a company should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the company expects to be entitled in exchange for those goods or services. Our implementation efforts included identification of revenue within the scope of the standard, evaluation of revenue contracts under the guidance, and an assessment of the impacts of the new standard on our consolidated financial statements.

The Company adopted the new standard as of January 1, 2018 using the modified retrospective method of adoption. This method allowed companies to record a one-time adjustment to beginning retained earnings as of January 1, 2018 for the cumulative effect that the standard had on open contracts at the date of adoption. During our implementation, we identified certain contracts that now require over time recognition under the new standard, either as goods are manufactured or services are performed, rather than at the time of shipment or completion as recorded under previous guidance. Upon adoption, we recorded previously unrecognized revenue of \$13.6 million, resulting in a cumulative-effect adjustment of \$2.6 million to our 2018 beginning retained earnings. See Note 3 for further details.

In March 2017, the FASB issued ASU 2017-07, "Compensation - Retirement Benefits (Topic 715), Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost." The ASU requires that an employer report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. The Company adopted this standard effective January 1, 2018. Other components of

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Park-Ohio Holdings Corp. and Subsidiaries

Notes to Unaudited Condensed Consolidated Financial Statements

September 30, 2018

pension income and other postretirement benefits expense, net includes all amounts other than the service cost component. Such amounts are included on a separate line below operating income on the condensed consolidated statements of income. The new standard requires a retrospective application and allows a practical expedient that permits an employer to use the amounts disclosed in its pension footnote for the prior comparative periods as the estimation basis for applying the retrospective presentation. This resulted in the reclassification of the following amounts from previously-reported Selling, general and administrative (“SG&A”) expenses for the three and nine months ended September 30, 2017:

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017
	(In millions)	
Reclassification of expense to Cost of sales	\$0.5	\$ 1.5
Reclassification of income to Other components of pension income and other postretirement benefits expense, net	\$(1.7)	\$(4.7)

Recent Accounting Pronouncements Not Yet Adopted

In February 2016, the FASB issued ASU 2016-02, “Leases (Topic 842).” This accounting standard requires that a lessee recognize a lease asset and a lease liability on its balance sheet for all leases, including operating leases, with a term greater than 12 months. ASU 2016-02 will require additional disclosures in the notes to the consolidated financial statements and is effective for the Company as of January 1, 2019. In July 2018, the FASB issued updated guidance which allows an additional transition method to adopt the new leases standard at the adoption date, rather than as of the beginning of the earliest period presented, and recognize a cumulative-effect adjustment to the beginning balance of retained earnings in the period of adoption. The Company expects to elect this transition method at the date of adoption. The Company’s implementation team is currently evaluating our lease portfolio, implementing a third-party lease accounting software solution to assist in our analysis, and updating our accounting policies and internal controls that will be impacted by the new standard. The Company is currently evaluating the impact of ASU 2016-02 and an estimate of the impact on the consolidated financial statements cannot be made at this time.

In February 2018, the FASB issued ASU 2018-02, “Income Statement—Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income.” The ASU affects any entity that is required to apply the provisions of Topic 220, “Income Statement—Reporting Comprehensive Income,” and has items of other comprehensive income for which the related tax effects are presented in other comprehensive income as required by GAAP. The ASU is effective for interim and annual periods beginning after December 15, 2018. Early adoption is permitted. The new standard requires a retrospective application to each period in which the effect of the change in the U.S. federal corporate income tax rate in the Tax Cuts and Jobs Act (the “Tax Act”) is recognized. The Company is currently evaluating the impact of adopting this guidance.

No other recently issued ASUs are expected to have a material impact on our results of operations, financial condition or liquidity.

NOTE 3 - Revenue

As discussed above in Note 2, effective January 1, 2018, the Company adopted ASU 2014-09, "Revenue from Contracts with Customers." Substantially all of the Company's contracts have a single performance obligation to transfer products to or, in limited cases, perform services for the customer. Accordingly, the Company recognizes revenue when its obligations under the contract terms are satisfied and control transfers to the customer. Revenue is recognized at an amount that reflects the consideration the Company expects to receive in exchange for the good or service, including estimated provisions for rebates, discounts, returns and allowances. The Company sells its products both directly to customers, and in limited cases, through distributors, generally under agreements with payment terms between 30-90 days; the Company has no financing components.

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Park-Ohio Holdings Corp. and Subsidiaries

Notes to Unaudited Condensed Consolidated Financial Statements

September 30, 2018

The majority of the Company's revenue is derived from contracts (i) with an original contract length of one year or less, or (ii) for which it recognizes revenue at the amount at which it has the right to invoice as products or services are delivered. The Company has elected the practical expedient not to disclose the value of remaining performance obligations associated with these types of contracts.

The Company also has certain contracts which contain performance obligations that are immaterial in the context of the contract with the customer. The Company has elected the practical expedient not to assess whether these promised goods or services are performance obligations.

Supply Technologies provides our customers with Total Supply ManagementTM, a proactive solutions approach that manages the efficiencies of every aspect of supplying production parts and materials to our customers' manufacturing floor, from strategic planning to program implementation. Within this segment, contracts routinely consist of a long-term agreement or master service agreement with quantity and pricing specified through individual purchase orders. Revenue is recognized at a point in time, which is in almost all cases is at the shipping point, as that is when control transfers to the customer.

Assembly Components designs, develops and manufactures aluminum products and highly efficient, high pressure Direct Fuel Injection fuel rails and pipes; fuel filler pipes that route fuel from the gas cap to the gas tank; flexible multi-layer plastic and rubber assemblies used to transport fuel from the vehicle's gas tank and then, at extreme high pressure, to the engine's fuel injector nozzles. Within this segment, contracts routinely consist of a long-term agreement or master service agreement with quantity and pricing specified through individual purchase orders. Revenue is recognized at a point in time, which is at the shipping point, as that is when control transfers to the customer.

Engineered Products operates a diverse group of niche manufacturing businesses that design and manufacture a broad range of highly-engineered products, including induction heating and melting systems, pipe threading systems and forged and machined products. Engineered Products also produces and provides services and spare parts for the equipment it manufactures. In this segment, revenue is recognized for certain revenue streams at a point in time, and over time for other revenue streams. For point in time arrangements, revenue is recognized at the shipping point, as that is when control transfers to the customer. For over time arrangements, revenue is recognized over the time during which products are manufactured or services are performed, as control transfers under these arrangements over a period of time. Over time arrangements represent 16% of the Company's total consolidated sales for the nine months ended September 30, 2018. The Company uses the input method to calculate the contract revenues to be recognized, which utilizes costs incurred to date in relation to total expected costs to satisfy the Company's performance obligation under the contract. Incurred costs represent work performed and therefore best depict the transfer of control to the customer.

For over time arrangements, contract liabilities primarily relate to advances or deposits received from the Company's customers before revenue is recognized. These amounts, which totaled \$37.2 million and \$23.0 million at September 30, 2018 and December 31, 2017, respectively, are recorded as deferred revenue and included in accrued expenses and other in the condensed consolidated balance sheet.

For over time arrangements, contract assets primarily relate to revenue recognized in advance of billings to customers under long-term contracts accounted for under percentage of completion. These amounts, which totaled \$58.1 million and \$40.1 million at September 30, 2018 and December 31, 2017, respectively, are recorded as unbilled contract

revenue and included in other current assets in the condensed consolidated balance sheet.

The adoption of ASU 2014-09 had the impact of increasing unbilled contract revenue by \$13.6 million, reducing inventory by \$10.1 million, increasing accrued income taxes by \$0.9 million and increasing beginning retained earnings by \$2.6 million as of January 1, 2018.

The Company has elected to account for shipping and handling as activities to fulfill the promise to transfer its products. As such, shipping and handling fees billed to customers in a sales transaction are recorded in Net sales, and shipping and handling costs incurred are recorded in Cost of sales. The Company has elected to exclude from Net sales any value-added, sales or other taxes which it collects concurrent with revenue-producing activities. These accounting policy elections are consistent with the manner in which the Company historically recorded shipping and handling fees and expenses.

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Park-Ohio Holdings Corp. and Subsidiaries

Notes to Unaudited Condensed Consolidated Financial Statements

September 30, 2018

We disaggregate our revenue by product line and geographic region of our customer, as we believe these best depict how the nature, amount, timing and uncertainty of our revenues and cash flows are affected by economic factors. See details in the tables below.

	Three Months		Nine Months	
	Ended		Ended September	
	September 30,		30,	
	2018	2017	2018	2017
	(In millions)		(In millions)	
PRODUCT LINE				
Supply Technologies	\$135.0	\$119.3	\$419.9	\$353.0
Engineered specialty fasteners and other products	20.1	20.9	62.3	62.8
Supply Technologies Segment	155.1	140.2	482.2	415.8
Fuel, rubber and plastic products	95.2	87.7	294.3	280.3
Aluminum products	50.9	40.2	150.4	112.9
Assembly Components Segment	146.1	127.9	444.7	393.2
Industrial equipment	76.0	70.6	228.9	199.5
Forged and machined products	37.1	13.5	96.4	38.4
Engineered Products Segment	113.1	84.1	325.3	237.9
Total revenues	\$414.3	\$352.2	\$1,252.2	\$1,046.9

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Park-Ohio Holdings Corp. and Subsidiaries

Notes to Unaudited Condensed Consolidated Financial Statements

September 30, 2018

	Supply Technology Segment (In millions)	Assembly Components Segment	Engineered Products Segment	Total Revenues
Three Months Ended September 30, 2018				
GEOGRAPHIC REGION				
United States	\$101.3	\$ 103.9	\$ 65.8	\$ 271.0
Europe	23.7	1.5	17.7	42.9
Asia	12.5	8.4	18.0	38.9
Mexico	13.4	9.5	1.9	24.8
Canada	3.4	22.3	6.3	32.0
Other	0.8	0.5	3.4	4.7
Total	\$155.1	\$ 146.1	\$ 113.1	\$ 414.3

Three Months Ended September 30, 2017

GEOGRAPHIC REGION

United States	\$98.4	\$ 92.2	\$ 43.3	\$ 233.9
Europe	15.1	0.9	14.6	30.6
Asia	10.3	8.1	16.2	34.6
Mexico	13.7	9.7	2.8	26.2
Canada	2.7	16.7	5.1	24.5
Other	—	0.3	2.1	2.4
Total	\$140.2	\$ 127.9	\$ 84.1	\$ 352.2

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Park-Ohio Holdings Corp. and Subsidiaries
 Notes to Unaudited Condensed Consolidated Financial Statements
 September 30, 2018

	Supply Technology Segment (In millions)	Assembly Components Segment	Engineered Products Segment	Total Revenues
Nine Months Ended September 30, 2018				
GEOGRAPHIC REGION				
United States	\$315.1	\$ 315.0	\$ 185.4	\$ 815.5
Europe	75.3	3.9	56.8	136.0
Asia	39.6	24.9	44.6	109.1
Canada	10.2	73.6	17.2	101.0
Mexico	41.1	26.1	13.4	80.6
Other	0.9	1.2	7.9	10.0
Total	\$482.2	\$ 444.7	\$ 325.3	\$ 1,252.2
Nine Months Ended September 30, 2017				
GEOGRAPHIC REGION				
United States	\$289.8	\$ 286.4	\$ 111.3	\$ 687.5
Europe	45.8	2.8	51.1	99.7
Asia	31.0	22.3	40.6	93.9
Mexico	39.8	25.0	14.6	79.4
Canada	8.6	55.6	14.3	78.5
Other	0.8	1.1	6.0	7.9
Total	\$415.8	\$ 393.2	\$ 237.9	\$ 1,046.9

NOTE 4 — Segments

Our operating segments are defined as components of the enterprise for which separate financial information is available and evaluated on a regular basis by our chief operating decision maker to allocate resources and assess performance.

For purposes of measuring business segment performance, the Company utilizes segment operating income, which is defined as revenues less expenses identifiable to the product lines within each segment. The Company does not allocate items that are non-operating; unusual in nature; or are corporate costs, which include but are not limited to executive and share-based compensation and corporate office costs. Segment operating income reconciles to consolidated income before income taxes by deducting corporate costs; certain non-cash and/or non-operating items; Other components of pension income and other postretirement benefits expense, net; and interest expense.

Results by business segment were as follows:

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Park-Ohio Holdings Corp. and Subsidiaries
 Notes to Unaudited Condensed Consolidated Financial Statements
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	Three Months Ended September 30, 2018		2017		Nine Months Ended September 30, 2018		2017	
	(In millions)							
Net sales:								
Supply Technologies	\$155.1	\$140.2	\$482.2	\$415.8				
Assembly Components	146.1	127.9	444.7	393.2				
Engineered Products	113.1	84.1	325.3	237.9				
	\$414.3	\$352.2	\$1,252.2	\$1,046.9				
Segment operating income:								
Supply Technologies	\$11.3	\$10.2	\$37.3	\$32.8				
Assembly Components	9.3	10.7	33.6	35.2				
Engineered Products	12.2	5.6	27.4	12.4				
Total segment operating income	32.8	26.5	98.3	80.4				
Corporate costs	(8.0	) (7.5	) (26.1	) (21.4)
Gain on sale of assets	—	—	1.9	—				
Litigation settlement gain	—	—	—	3.3				
Operating income	24.8	19.0	74.1	62.3				
Other components of pension income and other postretirement benefits expense, net	2.0	1.7	6.4	4.7				
Interest expense, net	(8.9	) (7.8	) (26.1	) (23.1)
Loss on extinguishment of debt	—	—	—	(11.0)
Income before income taxes	\$17.9	\$12.9	\$54.4	\$32.9				

NOTE 5 — Acquisitions

On February 1, 2018, the Company acquired Canton Drop Forge (“CDF”) for \$35.6 million in cash. CDF manufactures forgings for high-performance applications in the global aerospace, oil and gas, and other markets. Headquartered in Canton, Ohio, CDF is included in our Forged and Machined Products group in our Engineered Products segment.

The allocation of the purchase price is subject to finalization of the Company’s determination of the fair values of the assets acquired and liabilities assumed as of the acquisition date, and it could be materially different from the estimates presented below. The Company has not yet completed its analysis of the fair value of property, plant and equipment; intangible assets; inventory; and deferred income taxes. The final allocation is expected to be completed as soon as practicable but no later than one year after the acquisition date. Below is the estimated purchase price allocation related to the acquisition of CDF:

	(In millions)
Net working capital	\$ 19.9
Property, plant and equipment	15.8
Intangible assets	7.0
Goodwill	5.2
Net pension liability	(3.6)

Other long-term liabilities, including deferred income tax liabilities	(8.7)
Total purchase price (net of cash acquired of \$1.2 million)	\$	35.6

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Park-Ohio Holdings Corp. and Subsidiaries
 Notes to Unaudited Condensed Consolidated Financial Statements
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On April 28, 2017, the Company acquired Aero-Missile Components Inc. (“AMC”). AMC, which is included in our Supply Technologies segment, is a supply chain management business providing high-quality specialty fasteners and other components to the defense and aerospace markets in the United States.

On October 3, 2017, the Company completed the acquisition of Heads & All Threads Ltd. (“HAT”). HAT, which is included in our Supply Technologies segment, is a leading European supplier of supply chain management services specializing in developing vendor-managed inventory programs of fasteners, machined parts and other class C components to various industrial end markets.

On December 29, 2017, the Company completed the acquisition of an injection molding business. The acquisition, which is included in our Assembly Components segment, is a manufacturer of precision-molded rubber components for several industrial markets.

Collectively, CDF and the 2017 acquisitions contributed sales of \$36.8 million and \$105.3 million, respectively, for the three and nine months ended September 30, 2018.

NOTE 6 — Inventories

Inventories, net consist of the following:

	September 30, 2018	December 31, 2017
	(In millions)	
Finished goods	\$ 176.6	\$ 171.3
Work in process	49.8	43.9
Raw materials and supplies	81.7	67.6
LIFO reserve	1.3	—
Inventories, net	\$ 309.4	\$ 282.8

NOTE 7 — Accrued Warranty Costs

The Company estimates warranty claims on products sold that may be incurred based on current and historical data. Actual warranty expense could differ from the estimates made by the Company based on product performance. The following table presents changes in the Company’s product warranty liability for the nine months ended September 30, 2018 and 2017:

	2018	2017
	(In millions)	
January 1	\$7.9	\$7.1
Claims paid	(3.1)	(3.0)
Warranty expense	2.5	3.6
September 30	\$7.3	\$7.7

NOTE 8 — Income Taxes

The Company's tax provision for interim periods is determined using an estimate of its annual effective rate, adjusted for discrete items, if any, in each period. Each quarter, the Company updates its estimated annual effective income tax rate, and if the estimated rate changes, a cumulative catch-up adjustment is made.

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The effective income tax rates for the third quarter of 2018 and 2017 were 17.8% and 20.9%, respectively. The 2018 rate includes a \$0.9 million benefit related to an adjustment of the Company's estimated transition tax liability under the Tax Act. The transition tax liability, which was originally recorded as a provisional amount at December 31, 2017, was adjusted by the Company in the third quarter of 2018 in connection with completion of its 2017 federal income tax return. Excluding this Tax Act impact, the effective rate in the third quarter 2018 would have been 23.0%. This rate includes a benefit of approximately \$2.0 million related to reversals of previously-recorded valuation allowances in certain foreign tax jurisdictions, partially offset by withholding tax expense of \$0.4 million on repatriation of cash and tax expense of \$0.5 million for a cumulative catch-up adjustment to the Company's estimate of its 2018 annual effective rate. The effective rate in 2017 includes a benefit from the reversal of various income tax accruals totaling approximately \$1.4 million relating to previous uncertain tax positions for which the statutes of limitations expired.

The effective income tax rates for the first nine months of 2018 and 2017 were 26.6% and 28.6%, respectively. The 2018 rate is lower than the corresponding rate in 2017 due primarily to the valuation allowance reversal benefit and withholding tax expense described above. The effective rate in 2017 includes the \$1.4 million income tax accrual reversal described above.

As a result of the application of Staff Accounting Bulletin 118, the Company has recorded provisional amounts related to the reduction of its deferred tax assets and liabilities resulting from the statutory tax rate reduction and for the one-time transition tax provided for by the Tax Act at December 31, 2017. The Company adjusted the transition tax as of September 30, 2018 as described above, and continues to gather additional information to more precisely compute and finalize the impacts of these tax law changes during 2018. The Company expects to finalize its calculations and adjustments to provisional amounts, if any, in the fourth quarter of 2018.

For 2018, the Company is subject to several provisions of the Tax Act, including Global Intangible Low Tax Income ("GILTI"), Foreign-Derived Intangible Income ("FDII"), Base Erosion and Anti-Abuse Tax ("BEAT"), and the interest limitation rules. Due to the complexity of the GILTI tax rules, the Company is continuing to evaluate this provision and the application of ASU 740, "Income Taxes." U.S. GAAP permits the Company to make an accounting policy choice of either: (i) recognizing deferred taxes for temporary basis differences expected to reverse as GILTI in future years, or (ii) providing for the tax expense related to GILTI as a period expense in the year the tax is incurred. Given the complexity of the GILTI provisions, the Company has not made a policy decision regarding whether to record deferred taxes on GILTI or to treat the tax expense as a period expense. However, the Company has included an estimate of the 2018 current GILTI impact in the annual effective tax rate for the nine months ended September 30, 2018. For the FDII and interest limitation provisions, the Company has also included an estimate of these provisions in the annual effective tax rate for the nine months ended September 30, 2018. For the BEAT provision, the Company has not included an estimate of this provision in the annual effective tax rate for the nine months ended September 30, 2018 because the Company currently estimates that this provision will not apply in 2018.

NOTE 9 — Financing Arrangements

Long-term debt consists of the following:

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	Maturity Date	Interest Rate at September 30, 2018	Carrying Value at	
			September 30, 2018	December 31, 2017
(In millions)				
Senior Notes	April 15, 2027	6.625 %	\$ 350.0	\$ 350.0
Revolving credit facility	April 17, 2022	3.77 %	173.0	124.7
Industrial Equipment Group European Facilities	December 21, 2021	3.25 %	24.6	27.0
Capital Leases	Various	Various	16.8	20.3
Other	Various	Various	23.1	19.9
Gross debt			587.5	541.9
Less current portion of long-term and short-term debt			(16.4)	(17.7)
Less unamortized debt issuance costs			(8.0)	(8.7)
Total long-term debt, net			\$ 563.1	\$ 515.5

In June 2018, Park-Ohio Industries, Inc. (“Park-Ohio”), the operating subsidiary of Park-Ohio Holdings Corp., entered into Amendment No. 1 to Seventh Amended and Restated Credit Agreement (the “Credit Agreement”) with a group of banks to increase the revolving credit facility from \$350.0 million to \$375.0 million, the Canadian revolving subcommitment from \$35.0 million to \$40.0 million and the European revolving subcommitment from \$25.0 million to \$30.0 million. Furthermore, Park-Ohio has the option, pursuant to the Amended Credit Agreement, to increase the availability under the revolving credit facility by an aggregate incremental amount up to \$100.0 million.

In April 2017, Park-Ohio completed the issuance, in a private placement, of \$350.0 million aggregate principal amount of 6.625% Senior Notes due 2027 (the “Notes”). The Notes are unsecured senior obligations of Park-Ohio and are guaranteed on an unsecured senior basis by the 100% owned material domestic subsidiaries of Park-Ohio.

In December 2016, the Company, through its subsidiary, IEGE Industrial Equipment Holding Company Limited, entered into a financing agreement with Banco Bilbao Vizcaya Argentaria, S.A. The financing agreement provides the Company a loan up to \$24.6 million as of September 30, 2018, as well as a revolving credit facility for up to \$11.8 million to fund working capital and general corporate needs. The full \$24.6 million loan is outstanding as of September 30, 2018. No amounts have been drawn on the revolving credit facility as of September 30, 2018.

In August 2015, the Company entered into a Capital Lease Agreement (the “Lease Agreement”). The Lease Agreement provides the Company up to \$50.0 million for capital leases. Capital lease obligations of \$16.8 million were borrowed under the Lease Agreement to acquire machinery and equipment as of September 30, 2018.

In October 2015, the Company, through its Southwest Steel Processing LLC subsidiary, entered into a financing agreement with the Arkansas Development Finance Authority. The financing agreement provides the Company the ability to borrow up to \$11.0 million for expansion of its manufacturing facility in Arkansas. The financing agreement matures in September 2025. The Company had \$5.4 million of borrowings outstanding under this agreement as of September 30, 2018, which is included in Other above.

The following table represents fair value information of the Notes, classified as Level 1 using estimated quoted market prices.

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Park-Ohio Holdings Corp. and Subsidiaries
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	September 30, 2018	December 31, 2017
	(In millions)	
Carrying amount	\$ 350.0	\$ 350.0
Fair value	\$ 362.4	\$ 380.6

NOTE 10 — Stock-Based Compensation

A summary of restricted share activity for the nine months ended September 30, 2018 is as follows:

	2018			
	Time-Based	Performance-Based	Time-Based	Performance-Based
	Weighted	Weighted	Weighted	Weighted
	Average	Average	Average	Average
	Number	Grant	Number of	Grant
	of Shares	Date	Shares	Date
		Fair		Fair
		Value		Value
	(In whole		(In whole	
	shares)		shares)	
Outstanding - beginning of year	342,859	\$ 34.71	165,000	\$ 38.10
Granted	248,200	39.54	—	—
Vested	(163,117)	40.07	(55,000)	38.10
Performance-based to time-based ^(a)	110,000	38.10	(110,000)	38.10
Cancelled or expired	(4,500)	37.55	—	—
Outstanding - end of period	533,442	\$ 35.99	—	\$ —

(a) During the second quarter of 2018, 55,000 of the performance-based restricted shares granted in 2017 fully vested based on achievement of the performance criteria. In accordance with the grant agreements, the remaining 110,000 shares converted to time-based awards, vesting over the remaining two years of the requisite service period.

Total stock-based compensation expense included in SG&A expenses during the first nine months of 2018 and 2017 was \$6.5 million and \$6.3 million, respectively. As of September 30, 2018, there was \$12.3 million of unrecognized compensation cost related to non-vested stock-based compensation, which cost is expected to be recognized over a weighted-average period of 2.1 years.

NOTE 11 — Commitments, Contingencies and Litigation Settlement

The Company is subject to various pending and threatened legal proceedings arising in the ordinary course of business. The Company records a liability for loss contingencies in the consolidated financial statements when a loss is known or considered probable and the amount can be reasonably estimated. Our provisions are based on historical experience, current information and legal advice, and they may be adjusted in the future based on new developments.

Estimating probable losses requires the analysis of multiple forecasted factors that often depend on judgments and potential actions by third parties. Although it is not possible to predict with certainty the ultimate outcome or cost of these matters, the Company believes they will not have a material adverse effect on our consolidated financial statements.

During 2017, the Company settled a claim related to equipment provided to a customer in our Engineered Products segment. As of the settlement date, the Company had \$7.3 million accrued for this matter. The Company reversed the excess liability and recognized \$3.3 million in income in the first quarter of 2017.

Our subsidiaries are involved in a number of contractual and warranty-related disputes. We believe that appropriate liabilities for these contingencies have been recorded; however, actual results may differ materially from our estimates.

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Park-Ohio Holdings Corp. and Subsidiaries

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In August 2013, the Company received a subpoena from the staff of the Securities and Exchange Commission (“SEC”) in connection with the staff’s investigation of a third party. At that time, the Company also learned that the U.S. Department of Justice (“DOJ”) is conducting a criminal investigation of the third party. In connection with its initial response to the staff’s subpoena, the Company disclosed to the staff of the SEC that, in November 2007, the third party participated in a payment on behalf of the Company to a foreign tax official that implicates the Foreign Corrupt Practices Act. The Board of Directors of the Company formed a special committee to review the Company’s transactions with the third party and to make any recommendations to the Board of Directors with respect thereto. The Company intends to cooperate fully with the SEC and the DOJ in connection with their investigations of the third party and with the SEC in light of the Company’s disclosure. The Company is unable to predict the outcome or impact of the special committee’s investigation or the length, scope or results of the SEC’s review or the impact on its results of operations.

NOTE 12 — Pension and Postretirement Benefits

The components of net periodic benefit (income) costs recognized during interim periods were as follows:

	Pension Benefits				Postretirement Benefits			
	Three Months Ended September 30,		Nine Months Ended September 30,		Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017	2018	2017	2018	2017
	(In millions)							
Service costs	\$0.9	\$0.6	\$2.9	\$1.9	\$—	\$—	\$—	\$—
Interest costs	0.6	0.4	1.7	1.3	0.1	0.1	0.2	0.2
Expected return on plan assets	(2.9)	(2.4)	(8.7)	(7.2)	—	—	—	—
Recognized net actuarial loss	0.1	0.3	0.3	0.9	0.1	—	0.1	0.1
Net periodic benefit (income) costs	\$(1.3)	\$(1.1)	\$(3.8)	\$(3.1)	\$0.2	\$0.1	\$0.3	\$0.3
Weighted average:								
Discount rate for PBO			3.51 %	3.91 %			3.32 %	3.63 %
Discount rate for interest cost			3.08 %	3.20 %			2.89 %	2.92 %
Discount rate for service cost			3.60 %	3.98 %			3.70 %	4.12 %
Expected return on plan assets			8.25 %	8.25 %				

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Park-Ohio Holdings Corp. and Subsidiaries
 Notes to Unaudited Condensed Consolidated Financial Statements
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NOTE 13 — Accumulated Other Comprehensive Loss

The components of and changes in accumulated other comprehensive loss for the nine months ended September 30, 2018 and 2017 were as follows:

	Cumulative Translation Adjustment (In millions)	Pension and Postretirement Benefits (In millions)	Total
January 1, 2018	\$(11.6)	\$ (6.3)	\$(17.9)
Currency translation (a)	(8.9)	—	(8.9)
Pension and OPEB activity	—	1.5	1.5
September 30, 2018	\$(20.5)	\$ (4.8)	\$(25.3)
January 1, 2017	\$(30.8)	\$ (11.9)	\$(42.7)
Currency translation (a)	18.9	—	18.9
Pension and OPEB activity	—	0.6	0.6
September 30, 2017	\$(11.9)	\$ (11.3)	\$(23.2)

(a) No income taxes are provided on currency translation as foreign earnings are considered permanently re-invested.

NOTE 14 — Weighted-Average Number of Shares Used in Computing Earnings Per Share

The following table sets forth the weighted-average number of shares used in the computation of earnings per share:

	Three Months Ended September 30, 2018	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2018	Nine Months Ended September 30, 2017
	(In millions)			
Weighted average basic shares outstanding	12.3	12.2	12.3	12.2
Plus: Dilutive impact of employee stock awards	0.2	0.2	0.2	0.2
Weighted average diluted shares outstanding	12.5	12.4	12.5	12.4

Outstanding stock options with exercise prices greater than the average price of the common shares are anti-dilutive and are excluded from the computation of diluted earnings per share. Anti-dilutive shares were immaterial for the nine months ended September 30, 2018, and there were no anti-dilutive shares for the nine months ended September 30, 2017.

NOTE 15 — Related Party Transaction

During the third quarter of 2018, the Company purchased 48,186 outstanding shares of common stock at market price from an executive officer of the Company for cash of \$2.0 million. The transaction is included in the purchase of

treasury shares in the Condensed Consolidated Statements of Cash Flows.

NOTE 16 — Subsequent Events

On October 1, 2018, the Company acquired Hydrapower Dynamics Limited (“Hydrapower”) for \$8.0 million in cash. Headquartered in Birmingham, England, Hydrapower is a manufacturer of fluid handling systems incorporating hoses, manipulated tubes and fabricated assemblies for the bus and truck, automotive, agricultural and construction end markets. Hydrapower will be included in our Assembly Components segment from the date of acquisition.

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Park-Ohio Holdings Corp. and Subsidiaries

Notes to Unaudited Condensed Consolidated Financial Statements

September 30, 2018

On October 31, 2018, the Company's Board of Directors declared a quarterly dividend of \$0.125 per common share. The dividend will be paid on November 28, 2018 to shareholders of record as of the close of business on November 14, 2018 and will result in a cash outlay of approximately \$1.6 million.

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Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Our condensed consolidated financial statements include the accounts of Park-Ohio Holdings Corp. and its subsidiaries (collectively, "we," "our," or the "Company"). All significant intercompany transactions have been eliminated in consolidation.

EXECUTIVE OVERVIEW

We are a diversified international company providing world-class customers with a supply chain management outsourcing service, capital equipment used on their production lines, and manufactured components used to assemble their products. We operate through three reportable segments: Supply Technologies, Assembly Components and Engineered Products.

Supply Technologies provides our customers with Total Supply Management™, a proactive solutions approach that manages the efficiencies of every aspect of supplying production parts and materials to our customers' manufacturing floor, from strategic planning to program implementation. Total Supply Management™ includes such services as engineering and design support, part usage and cost analysis, supplier selection, quality assurance, bar coding, product packaging and tracking, just-in-time and point-of-use delivery, electronic billing services and ongoing technical support. Our Supply Technologies business services customers in the following principal industries: heavy-duty truck; sports and recreational equipment; aerospace and defense; semiconductor equipment; electrical distribution and controls; consumer electronics; bus and coaches; automotive, agricultural and construction equipment; HVAC; lawn and garden; plumbing; and medical.

Assembly Components manufactures products oriented towards fuel efficiency and reduced emission standards. Assembly Components designs, develops and manufactures aluminum products and highly efficient, high pressure direct fuel injection fuel rails and pipes; fuel filler pipes that route fuel from the gas cap to the gas tank; flexible multi-layer plastic and rubber assemblies used to transport fuel from the vehicle's gas tank and then, at extreme high pressure, to the engine's fuel injector nozzles. Our product offerings include gasoline direct injection systems and fuel filler assemblies, and industrial hose and injected molded rubber and plastic components. Additional products include cast and machined aluminum engine, transmission, brake, suspension and other components, such as pump housings, clutch retainers/pistons, control arms, knuckles, master cylinders, pinion housings, brake calipers, oil pans and flywheel spacers. Our products are primarily used in the following industries: automotive, including automotive and light-vehicle; agricultural equipment; construction equipment; heavy-duty truck; and marine original equipment manufacturers ("OEMs"), on a sole-source basis.

Engineered Products operates a diverse group of niche manufacturing businesses that design and manufacture a broad range of highly-engineered products, including induction heating and melting systems, pipe threading systems and forged and machined products. Engineered Products also produces and provides services and spare parts for the equipment it manufactures. The principal customers of Engineered Products are OEMs, sub-assemblers and end users in the following industries: ferrous and non-ferrous metals; silicon; coatings; forging; foundry; heavy-duty truck; construction equipment; automotive; oil and gas; locomotive and rail manufacturing; and aerospace and defense.

Sales and segment operating income for these three segments are provided in Note 4 to the condensed consolidated financial statements, included elsewhere herein.

2018 Acquisition

On February 1, 2018, the Company acquired Canton Drop Forge, Inc. ("CDF") for \$35.6 million in cash. CDF manufactures forgings for high-performance applications in the global aerospace, oil and gas, and other markets. CDF,

which is headquartered in Canton, Ohio, is included in our Forged and Machined Products group within our Engineered Products segment from the date of acquisition.

Subsequent Events

On October 1, 2018, the Company acquired Hydrapower Dynamics Limited (“Hydrapower”) for \$8.0 million in cash. Headquartered in Birmingham, England, Hydrapower is a manufacturer of fluid handling systems incorporating hoses,

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manipulated tubes and fabricated assemblies for the bus and truck, automotive, agricultural and construction end markets. Hydrapower will be included in our Assembly Components segment from the date of acquisition.

On October 31, 2018, the Company's Board of Directors declared a quarterly dividend of \$0.125 per common share. The dividend will be paid on November 28, 2018 to shareholders of record as of the close of business on November 14, 2018 and will result in a cash outlay of approximately \$1.6 million.

RESULTS OF OPERATIONS

Three Months Ended September 30, 2018 Compared with Three Months Ended September 30, 2017

	Three Months Ended September 30,		\$ Change	% Change
	2018	2017		
	(Dollars in millions, except per share data)			
Net sales	\$414.3	\$352.2	\$ 62.1	17.6 %
Cost of sales	348.4	295.5	52.9	17.9 %
Gross profit	65.9	56.7	9.2	16.2 %
Gross margin	15.9	% 16.1	%	
Selling, general and administrative (“SG&A”) expenses	41.1	37.7	3.4	9.0 %
SG&A as a percentage of net sales	9.9	% 10.7	%	
Operating income	24.8	19.0	5.8	30.5 %
Other components of pension income and other postretirement benefits expense, net	2.0	1.7	0.3	17.6 %
Interest expense, net	(8.9)	(7.8)	(1.1)	14.1 %
Income before income taxes	17.9	12.9	5.0	38.8 %
Income tax expense	(3.2)	(2.7)	(0.5)	18.5 %
Net income	14.7	10.2	4.5	44.1 %
Net income attributable to noncontrolling interest	(0.5)	(0.2)	(0.3)	*
Net income attributable to Park-Ohio Holdings Corp. common shareholders	\$14.2	\$10.0	\$ 4.2	42.0 %
Earnings per common share attributable to Park-Ohio Holdings Corp. common shareholders:				
Basic	\$1.15	\$0.82	\$ 0.33	40.2 %
Diluted	\$1.14	\$0.80	\$ 0.34	42.5 %

* Calculation not meaningful

Net Sales

Net sales increased 17.6%, to \$414.3 million in the third quarter of 2018, compared to \$352.2 million in the same period in 2017, due primarily to organic growth of 7% driven by higher end-market demand for our products in all three of our business segments and sales from the 2018 acquisition of CDF and the fourth quarter 2017 acquisitions of Heads and All Threads (“HAT”) and an injection molding business, which aggregated \$36.8 million in the third quarter of 2018.

The factors explaining the changes in segment net sales for the three months ended September 30, 2018 compared to the corresponding 2017 period are contained within the “Segment Results” section below.

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Cost of Sales & Gross Profit

Cost of sales increased to \$348.4 million in the third quarter of 2018, compared to \$295.5 million in the same period in 2017. The increase in cost of sales was primarily due to the increase in net sales for the 2018 period compared to the third quarter of 2017.

Gross margin was 15.9% in the third quarter of 2018 compared to 16.1% in the same period in 2017. The decrease was due to the impact of sales mix, as well as lower margins in our Assembly Components segment as explained more fully in the “Segment Results” section below.

SG&A Expenses

SG&A expenses increased to \$41.1 million, or 9.9% of sales, in the third quarter of 2018 compared to \$37.7 million, or 10.7% of sales, in the same period in 2017. The increase in SG&A expenses on a dollar basis was due primarily to SG&A expenses of CDF and the acquisitions completed in the fourth quarter of 2017, as well as higher sales and profit in 2018. The decrease in SG&A expenses as a percentage of net sales was due primarily to fixed SG&A expenses spread over a higher sales base.

Other Components of Pension Income and Other Postretirement Benefits Expense, Net

In accordance with the adoption of Accounting Standards Codification 2017-07, as of January 1, 2018, the Company revised its presentation of total pension income and other postretirement benefit (“OPEB”) expense, net of \$1.1 million. Third quarter 2018 pension and OPEB service cost of \$0.9 million is included in operating income, and Other components of pension income and OPEB expense, net totaling \$2.0 million of income is included on a separate line in the condensed consolidated statements of income. The corresponding amounts for third quarter of 2017, which were pension and OPEB service cost of \$0.6 million and other components of pension income and OPEB expense, net of \$1.7 million of income, have been reclassified to conform to the current year presentation.

Interest Expense

Interest expense was higher in the third quarter of 2018 due primarily to higher outstanding borrowings in the third quarter of 2018 compared to the third quarter of 2017. The higher borrowings were primarily under the Company’s revolving credit facility to fund the acquisition of CDF in 2018 and the 2017 acquisitions, and higher working capital due to higher sales levels. The impact of the higher outstanding borrowings on our interest expense was partially offset by lower effective borrowing rates in the 2018 period compared to the comparable 2017 period, due primarily to the Company’s debt refinancing in April 2017.

Income Tax Expense

The effective income tax rates were 17.8% in the third quarter of 2018 compared to 20.9% in the corresponding period in 2017. The 2018 rate includes a \$0.9 million benefit related to an adjustment of the Company’s estimated transition tax liability under the U.S. Tax Cuts and Jobs Act (the “Tax Act”). Excluding this Tax Act impact, the effective rate in the third quarter 2018 would have been 23.0%. This rate includes a benefit of approximately \$2.0 million related to reversals of previously-recorded valuation allowances in certain foreign tax jurisdictions, partially offset by withholding tax expense of \$0.4 million on repatriation of cash and tax expense of \$0.5 million for a cumulative catch-up adjustment to the Company’s estimate of its 2018 annual effective rate. The effective rate in 2017 includes a benefit from the reversal of various income tax accruals totaling approximately \$1.4 million relating to previous uncertain tax positions for which the statutes of limitations expired.

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RESULTS OF OPERATIONS

Nine Months Ended September 30, 2018 Compared with Nine Months Ended September 30, 2017

	Nine Months Ended September 30,		\$ Change	% Change
	2018	2017		
	(Dollars in millions, except per share data)			
Net sales	\$1,252.2	\$1,046.9	\$205.3	19.6 %
Cost of sales	1,048.1	875.4	172.7	19.7 %
Gross profit	204.1	171.5	32.6	19.0 %
Gross margin	16.3	% 16.4	%	
SG&A expenses	131.9	112.5	19.4	17.2 %
SG&A expenses as a percentage of net sales	10.5	% 10.7	%	
Gain on sale of assets	(1.9)	—	(1.9)	*
Litigation settlement gain	—	(3.3)	3.3	*
Operating income	74.1	62.3	11.8	18.9 %
Other components of pension income and other postretirement benefits expense, net	6.4	4.7	1.7	36.2 %
Interest expense, net	(26.1)	(23.1)	(3.0)	13.0 %
Loss on extinguishment of debt	—	(11.0)	11.0	*
Income before income taxes	54.4	32.9	21.5	65.3 %
Income tax expense	(14.5)	(9.4)	(5.1)	54.3 %
Net income	39.9	23.5	16.4	69.8 %
Net income attributable to noncontrolling interests	(1.1)	(0.7)	(0.4)	57.1 %
Net income attributable to Park-Ohio Holdings Corp. common shareholders	\$38.8	\$22.8	\$16.0	70.2 %
Earnings per common share attributable to Park-Ohio Holdings Corp. common shareholders:				
Basic	\$3.15	\$1.87	\$1.28	68.4 %
Diluted	\$3.09	\$1.83	\$1.26	68.9 %

* Calculation not meaningful

Net Sales

Net sales increased 19.6%, to \$1,252.2 million in the first nine months of 2018, compared to \$1,046.9 million in the same period in 2017, due primarily to organic growth of 10% driven by higher end-market demand for our products in all three of our business segments and sales from the 2018 acquisition of CDF and acquisitions completed in 2017, which aggregated \$105.3 million in the first nine months of 2018.

The factors explaining the changes in segment net sales for the nine months ended September 30, 2018 compared to the corresponding 2017 period are contained in the “Segment Results” section below.

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Cost of Sales & Gross Profit

Cost of sales increased to \$1,048.1 million in the first nine months of 2018, compared to \$875.4 million in the same period in 2017. The increase in cost of sales was primarily due to the increase in net sales during the 2018 period compared to the same period in 2017.

Gross margin was comparable year-over-year at 16.3% in the first nine months of 2018 and 16.4% in the first nine months of 2017.

SG&A Expenses

SG&A expenses increased to \$131.9 million in the first nine months of 2018, compared to \$112.5 million in the same period in 2017. The increase is primarily due to the SG&A expenses of CDF and the acquisitions completed in 2017, as well as higher sales and profit in 2018. SG&A expenses as a percent of sales was comparable year-over-year at 10.5% in the first nine months of 2018 and 10.7% in the first nine months of 2017.

Gain on Sale of Assets

During the first nine months of 2018, the Company sold land to a third party, resulting in cash proceeds of \$2.8 million and a pre-tax gain on sale of \$1.9 million.

Litigation Settlement Gain

During the first nine months of 2017, the Company paid \$4.0 million to settle litigation. In connection with the settlement, the Company recognized \$3.3 million of income related to the reversal of its excess litigation liability.

Other Components of Pension Income and Other Postretirement Benefits Expense, Net

In accordance with the adoption of Accounting Standards Codification 2017-07, as of January 1, 2018, the Company revised its presentation of total pension income and OPEB expense, net of \$3.5 million. For the nine months ended September 30, 2018, pension and OPEB service cost of \$2.9 million is included in operating income, and Other components of pension and OPEB expense, net totaling \$6.4 million of income is included on a separate line in the condensed consolidated statements of income. The corresponding amounts for the first nine months of 2017, which were pension and OPEB service cost of \$1.9 million and other components of pension income and OPEB expense, net of \$4.7 million of income, have been reclassified to conform to the current year presentation.

Interest Expense

Interest expense was higher in the 2018 period due primarily to higher outstanding borrowings in the first nine months of 2018 compared to the same period a year ago. The higher borrowings were primarily under the Company's revolving credit facility to fund the acquisition of CDF in 2018 and the 2017 acquisitions, and higher working capital due to higher sales levels. The impact of the higher outstanding borrowings on our interest expense was partially offset by lower effective borrowing rates in the 2018 period compared to the comparable 2017 period, due primarily to the Company's debt refinancing in April 2017.

Loss on Extinguishment of Debt

During the first nine months of 2017, we incurred \$11.0 million of expenses related to our debt refinancing activities. Such expenses included tender premiums, bank and other fees and accelerated amortization of certain debt issuance

costs previously capitalized related to our former borrowings.

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Income Tax Expense

The effective income tax rates were 26.6% in the nine months ended September 30, 2018 compared to 28.6% in the corresponding period in 2017. The 2018 rate is lower than the corresponding rate in 2017 due primarily to the valuation allowance reversal benefit and withholding tax expense described in the three-month discussion above. The effective rate in 2017 includes a benefit from the reversal of various income tax accruals totaling approximately \$1.4 million relating to previous uncertain tax positions for which the statutes of limitations expired.

SEGMENT RESULTS

For purposes of business segment performance measurement, the Company utilizes segment operating income, which is defined as revenues less expenses identifiable to the product lines within each segment. The Company does not allocate items that are non-operating or unusual in nature or are corporate costs, which include but are not limited to executive and share-based compensation and corporate office costs. Segment operating income reconciles to consolidated income before income taxes by deducting corporate costs; certain non-cash and/or non-operating items; Other components of pension income and other postretirement benefits expense, net; and interest expense.

Supply Technologies Segment

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
	(Dollars in millions)			
Net sales	\$155.1	\$140.2	\$482.2	\$415.8
Segment operating income	\$11.3	\$10.2	\$37.3	\$32.8
Segment operating income margin	7.3	% 7.3	% 7.7	% 7.9

Three months ended September 30:

Net sales increased 11% in the three months ended September 30, 2018 compared to the 2017 period due primarily to organic growth of 4% and the sales from our October 2017 acquisition of HAT. The organic growth was due primarily to higher customer demand in most of the Company's end markets, including the Company's truck and truck-related market, which was up 27% year-over-year, and the Company's aerospace and defense market, which was up 43% year-over-year. In our fastener manufacturing business, sales in the 2018 period were in line with the comparable period a year ago.

Segment operating income increased by \$1.1 million due to the favorable impact of higher sales in the 2018 period compared to the same period a year ago. Segment operating income margin was 7.3% in the third quarter of both years.

Nine months ended September 30:

Net sales increased 16% in the nine months ended September 30, 2018 compared to the 2017 period due primarily to organic growth of 8% and the sales from our 2017 acquisitions of HAT in October 2017 and Aero-Missile Components Inc. ("AMC") in May 2017. The organic growth was due primarily to higher customer demand in most of the Company's end markets, including the Company's truck and truck-related market, which was up 31% year-over-year, and the Company's aerospace and defense market, which was up 39% year-over-year. In our fastener manufacturing business, sales in the 2018 period were in line with the comparable period a year ago.

Segment operating income increased by \$4.5 million due to the favorable impact of higher sales in the 2018 period compared to a year ago. Segment operating income margin decreased slightly to 7.7% compared to 7.9% in the corresponding period of 2017, due to sales mix.

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Assembly Components Segment

	Three Months Ended September 30, 2018		2017		Nine Months Ended September 30, 2018		2017	
	(Dollars in millions)							
Net sales	\$146.1	\$127.9	\$444.7	\$393.2				
Segment operating income	\$9.3	\$10.7	\$33.6	\$35.2				
Segment operating income margin	6.4	% 8.4	% 7.6	% 9.0	%			

Three months ended September 30:

Net sales were 14% higher in the 2018 period compared to the 2017 period due primarily to higher sales volumes in our aluminum product line and the December 2017 acquisition of an injecting moldings business. The increase in sales in our aluminum product line was due to new programs, which more than offset lower volumes in our fuel products line.

Segment operating income in the 2018 period decreased by \$1.4 million, and segment operating income margin decreased to 6.4% from 8.4% in the corresponding period of 2017. These decreases were due primarily to sales mix and start-up costs related to new facilities in China and Mexico. These factors were partially offset by the benefit of higher sales volumes in our aluminum product line.

Nine months ended September 30:

Net sales were 13% higher in the 2018 period compared to the 2017 period due primarily to higher sales volumes in our aluminum product line and the December 2017 acquisition of an injecting moldings business. The increase in sales in our aluminum product line was due to new programs.

Segment operating income in the 2018 period decreased by \$1.6 million, and segment operating income margin decreased to 7.6% from 9.0% in the corresponding period of 2017, due to the factors in the three-month discussion above.

Engineered Products Segment

	Three Months Ended September 30, 2018		2017		Nine Months Ended September 30, 2018		2017	
	(Dollars in millions)							
Net sales	\$113.1	\$84.1	\$325.3	\$237.9				
Segment operating income	\$12.2	\$5.6	\$27.4	\$12.4				
Segment operating income margin	10.8	% 6.7	% 8.4	% 5.2	%			

Three months ended September 30:

Net sales were 34% higher in the 2018 period compared to the 2017 period due primarily to organic growth of 10% and sales from the CDF acquisition of \$20.6 million. The organic growth was driven by increased customer demand for our induction heating and pipe threading products.

Segment operating income in the 2018 period increased by \$6.6 million and segment operating income margin improved to 10.8% compared to 6.7% in the corresponding 2017 period. These increases were driven by the higher sales in the 2018 quarter compared to the same quarter a year ago and the acquisition of CDF.

Nine months ended September 30:

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Net sales were 37% higher in the 2018 period compared to the 2017 period due primarily to organic growth of 15% and sales from the CDF acquisition of \$50.5 million. The organic growth was driven by increased customer demand for our induction heating and pipe threading products.

Segment operating income in the 2018 period increased by \$15.0 million and segment operating income margin improved to 8.4% compared to 5.2% in the corresponding 2017 period. These increases were driven by the higher sales in the 2018 period compared to the same period a year ago and the acquisition of CDF.

Liquidity and Capital Resources

The following table summarizes the major components of cash flow:

	Nine Months Ended September 30,		
	2018	2017	\$ Change
Net cash provided (used) by:	(In millions)		
Operating activities	\$21.8	\$27.2	\$(5.4)
Investing activities	(69.9)	(29.4)	(40.5)
Financing activities	30.2	13.5	16.7
Effect of exchange rate changes on cash	(2.0)	5.1	(7.1)
(Decrease) increase in cash and cash equivalents	\$(19.9)	\$16.4	\$(36.3)

Operating Activities

Cash provided by operating activities decreased from the comparable period in the prior year, as higher profitability in 2018 was more than offset by higher working capital to support higher sales levels in the first nine months of 2018.

Investing Activities

Capital expenditures were \$35.9 million for the nine months ended September 30, 2018, and were primarily to fund growth and maintain operations. In 2018, we completed the acquisition of CDF for \$35.6 million in cash. See Note 5 to the condensed consolidated financial statements for further details. Investing activities in the 2017 period included capital expenditures of \$18.9 million and \$10.5 million of cash paid for the AMC acquisition. The higher capital expenditures in the first nine months of 2018 compared to the same period in 2017 included capital investments in China and Mexico to enable future growth.

Financing Activities

During September 2018, we repatriated cash of \$24.4 million from a foreign subsidiary to the U.S., and utilized the cash to pay down a portion of the amount outstanding under our revolving credit agreement in the U.S.

Cash provided by financing activities in 2018 included borrowings on our revolving credit facility to fund the CDF acquisition and the higher working capital levels noted above. Financing activities in the comparable period of 2017 included debt refinancing in April 2017.

We do not have off-balance sheet arrangements, financing or other relationships with unconsolidated entities or other persons.

Liquidity

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Our liquidity needs are primarily for working capital, capital expenditures and acquisitions. Our primary sources of liquidity have been funds provided by operations, funds available from existing bank credit arrangements and the sale of our debt securities. Our existing financial resources (working capital and available bank borrowing arrangements) and anticipated cash flow from operations are expected to be adequate to meet anticipated cash requirements for at least the next twelve months, including but not limited to our ability to maintain current operations and fund capital expenditure requirements, service our debt, pay dividends, pursue acquisitions, and repurchase shares.

As of September 30, 2018, we had \$173.0 million outstanding under our revolving credit facility, approximately \$199.7 million of unused borrowing availability, and cash and cash equivalents of \$62.9 million. Under the Company's financing agreement with Banco Bilbao Vizcaya Argentaria, S.A. ("BBVA") discussed in Note 9 to the condensed consolidated financial statements included elsewhere herein, the Company is required to maintain a minimum cash balance of \$5.8 million in an account with BBVA.

The Company had cash and cash equivalents held by foreign subsidiaries of \$54.1 million at September 30, 2018 and \$76.0 million at December 31, 2017. We do not expect restrictions on repatriation of cash held outside the U.S. to have a material effect on our overall liquidity, financial condition or results of operations for the foreseeable future. Prior to the adoption of the Tax Act, the Company considered the earnings of its non-U.S. subsidiaries to be permanently reinvested and accordingly did not record any associated deferred income taxes on such earnings. Since the Tax Act includes a transition tax, these previously unremitted earnings for which no U.S. deferred tax liability had been accrued have now been subject to U.S. tax. Notwithstanding the U.S. taxation of these amounts, except for the \$24.4 million repatriated from a foreign subsidiary to the U.S. in September 2018 as mentioned above, we intend to continue to invest all of these earnings, as well as our capital in these subsidiaries, indefinitely outside of the U.S. and do not expect to incur any significant additional taxes related to such amounts.

Senior Notes

In April 2017, Park-Ohio Industries, Inc. ("Park-Ohio"), the operating subsidiary of Park-Ohio Holdings Corp., completed the sale, in a private placement, of \$350.0 million aggregate principal amount of 6.625% Senior Notes due 2027 (the "Notes"). The net proceeds from the issuance of the Notes were used to repay in full our previously outstanding 8.125% Senior Notes due 2021 and our outstanding term loan, and to repay a portion of the borrowings then outstanding under our revolving credit facility.

Credit Agreement

In June 2018, the Park-Ohio entered into Amendment No. 1 to its Seventh Amended and Restated Credit Agreement (the "Credit Agreement"). The Amendment to the Credit Agreement, among other things, provided increases in the revolving credit facility from \$350.0 million to \$375.0 million, the Canadian revolving subcommitment from \$35.0 million to \$40.0 million and the European revolving subcommitment from \$25.0 million to \$30.0 million. Furthermore, the Company has the option, pursuant to the Credit Agreement, to increase the availability under the revolving credit facility by an aggregate incremental amount up to \$100.0 million.

Capital Leases

In August 2015, the Company entered into a Capital Lease Agreement (the "Lease Agreement"). The Lease Agreement provides the Company up to \$50.0 million for capital leases. Capital lease obligations of \$16.8 million were borrowed under the Lease Agreement to acquire machinery and equipment as of September 30, 2018.

Covenants

The future availability of bank borrowings under the revolving credit facility provided by the Credit Agreement is based on our ability to meet a debt service ratio covenant, which could be materially impacted by negative economic trends. Failure to meet the debt service ratio covenant could materially impact the availability and interest rate of future borrowings.

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The debt service coverage ratio must be greater than 1.0 and not less than 1.15 for any two consecutive fiscal quarters. At September 30, 2018, our debt service coverage ratio was 1.74, and, therefore, we were in compliance with the debt service coverage ratio covenant in the revolving credit facility provided by the Credit Agreement. The debt service coverage ratio is calculated at the end of each fiscal quarter based on the following ratio: (1) the most recently ended four fiscal quarters of consolidated EBITDA, as defined in the Credit Agreement, minus cash taxes paid, minus unfunded capital expenditures, plus cash tax refunds; to (2) consolidated debt charges, which are consolidated cash interest expense, plus scheduled principal payments on indebtedness, plus scheduled reductions in our term debt as defined in the Credit Agreement.

We were also in compliance with the other covenants contained in the revolving credit facility as of September 30, 2018. While we expect to remain in compliance throughout 2018, declines in sales volumes in the future could adversely impact our ability to remain in compliance with certain of these financial covenants. Additionally, to the extent our customers are adversely affected by declines in the economy in general, they may be unable to pay their accounts payable to us on a timely basis or at all, which could make our accounts receivable ineligible for purposes of the revolving credit facility and could reduce our borrowing base and our ability to borrow under such facility.

Dividends

The Company paid dividends of \$4.8 million during the nine months ended September 30, 2018. In October 2018, our Board of Directors declared a quarterly dividend of \$0.125 per common share. The dividend will be paid on November 28, 2018 to shareholders of record as of the close of business on November 14, 2018 and will result in a cash outlay of approximately \$1.6 million. Although we currently intend to pay a quarterly dividend on an ongoing basis, all future dividend declarations are at the discretion of our Board of Directors and dependent upon then-existing conditions, including our operating results and financial condition, capital requirements, contractual restrictions, business prospects and other factors that our Board of Directors may deem relevant.

Seasonality; Variability of Operating Results

The timing of orders placed by our customers has varied with, among other factors, orders for customers' finished goods, customer production schedules, competitive conditions and general economic conditions. The variability of the level and timing of orders has, from time to time, resulted in significant periodic and quarterly fluctuations in the operations of our businesses. Such variability is particularly evident in our capital equipment business, included in the Engineered Products segment, which typically ships large systems at a relatively lower pace than our other businesses.

Critical Accounting Policies

Our critical accounting policies are described in Item 7 Management's Discussion and Analysis of Financial Condition and Results of Operations, and in the notes to our consolidated financial statements for the year ended December 31, 2017, both contained in our Annual Report on Form 10-K for the year ended December 31, 2017. There were no new critical accounting policies or updates to existing critical accounting policies as a result of new accounting pronouncements in this Quarterly Report on Form 10-Q, except for revenue recognition. During the first quarter ended March 31, 2018, the Company adopted the provisions of ASC 606, "Revenue from Contracts with Customers." Refer to Notes 2 and 3 to the condensed consolidated financial statements included elsewhere herein regarding the impact of the adoption on the Company's consolidated financial statements and accounting policies.

The application of our critical accounting policies may require management to make judgments and estimates about the amounts reflected in the condensed consolidated financial statements. Management uses historical experience and all available information to make these estimates and judgments, and different amounts could be reported using

different assumptions and estimates.

Forward-Looking Statements

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This Quarterly Report on Form 10-Q contains certain statements that are “forward-looking statements” within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. The words “believes”, “anticipates”, “plans”, “expects”, “intends”, “estimates” and similar expressions are intended to identify forward-looking statements.

These forward-looking statements, including statements regarding future performance of the Company, that are subject to known and unknown risks, uncertainties and other factors that may cause our actual results, performance and achievements, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. These factors that could cause actual results to differ materially from expectations include, but are not limited to, the following: our substantial indebtedness; the uncertainty of the global economic environment; general business conditions and competitive factors, including pricing pressures and product innovation; demand for our products and services; raw material availability and pricing; fluctuations in energy costs; component part availability and pricing; changes in our relationships with customers and suppliers; the financial condition of our customers, including the impact of any bankruptcies; our ability to successfully integrate recent and future acquisitions into existing operations; the amounts and timing, if any, of purchases of our common stock; changes in general economic conditions such as inflation rates, interest rates, tax rates, unemployment rates, higher labor and healthcare costs, recessions and changing government policies, laws and regulations, including those related to the current global uncertainties and crises, such as tariffs and other surcharges; adverse impacts to us, our suppliers and customers from acts of terrorism or hostilities; our ability to meet various covenants, including financial covenants, contained in the agreements governing our indebtedness; disruptions, uncertainties or volatility in the credit markets that may limit our access to capital; potential disruption due to a partial or complete reconfiguration of the European Union; increasingly stringent domestic and foreign governmental regulations, including those affecting the environment or import and export controls and other trade barriers; inherent uncertainties involved in assessing our potential liability for environmental remediation-related activities; the outcome of pending and future litigation and other claims and disputes with customers; the outcome of the review conducted by the special committee of our board of directors; our dependence on the automotive and heavy-duty truck industries, which are highly cyclical; the dependence of the automotive industry on consumer spending; our ability to negotiate contracts with labor unions; our dependence on key management; our dependence on information systems; our ability to continue to pay cash dividends, and the other factors we describe under “Item 1A. Risk Factors” included in the Company’s Annual Report on Form 10-K for the year ended December 31, 2017. Any forward-looking statement speaks only as of the date on which such statement is made, and we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise, except as required by law. In light of these and other uncertainties, the inclusion of a forward-looking statement herein should not be regarded as a representation by us that our plans and objectives will be achieved.

Item 3. Quantitative and Qualitative Disclosure About Market Risk

We are exposed to market risk, including changes in interest rates. As of September 30, 2018, we are subject to interest rate risk on borrowings under the floating rate revolving credit facility provided by our Credit Agreement. A 100-basis-point increase in the interest rate would have resulted in an increase in interest expense on these borrowings of approximately \$1.3 million during the nine-month period ended September 30, 2018.

Our foreign subsidiaries generally conduct business in local currencies. We face translation risks related to the changes in foreign currency exchange rates. Amounts invested in our foreign operations are translated in U.S. dollars at the exchange rates in effect at the balance sheet date. The resulting translation adjustments are recorded as a component of Accumulated other comprehensive income/loss in the Shareholders' equity section of the Consolidated Balance Sheets. Sales and expenses at our foreign operations are translated into U.S. dollars at the applicable monthly average exchange rates. Therefore, changes in exchange rates may either positively or negatively affect our net sales

and expenses from foreign operations as expressed in U.S. dollars.

Our largest exposures to commodity prices relate to metal and natural gas prices, which have fluctuated widely in recent years. We do not have any commodity swap agreements, forward purchase or hedge contracts.

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Item 4. Controls and Procedures

Evaluation of disclosure controls and procedures.

Under the supervision of and with the participation of our management, including our chief executive officer and chief financial officer, we evaluated the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15(d)-15(e) under the Exchange Act) as of the end of the period covered by this Quarterly Report. Based on that evaluation, our chief executive officer and chief financial officer have concluded that, as of the end of the period covered by this Quarterly Report, our disclosure controls and procedures were effective.

Changes in internal control over financial reporting.

There have been no changes in our internal control over financial reporting that occurred during the third quarter of 2018 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

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Part II. Other Information

Item 1. Legal Proceedings

We are subject to various pending and threatened lawsuits in which claims for monetary damages are asserted in the ordinary course of business. While any litigation involves an element of uncertainty, in the opinion of management, liabilities, if any, arising from currently pending or threatened litigation are not expected to have a material adverse effect on our financial condition, liquidity or results of operations.

In addition to the routine lawsuits and asserted claims noted above, we were a party to the lawsuits and legal proceedings described below as of September 30, 2018:

We were a co-defendant in approximately 86 cases asserting claims on behalf of approximately 188 plaintiffs alleging personal injury as a result of exposure to asbestos. These asbestos cases generally relate to production and sale of asbestos-containing products and allege various theories of liability, including negligence, gross negligence and strict liability, and seek compensatory and, in some cases, punitive damages.

In every asbestos case in which we are named as a party, the complaints are filed against multiple named defendants. In substantially all of the asbestos cases, the plaintiffs either claim damages in excess of a specified amount, typically a minimum amount sufficient to establish jurisdiction of the court in which the case was filed (jurisdictional minimums generally range from \$25,000 to \$75,000), or do not specify the monetary damages sought. To the extent that any specific amount of damages is sought, the amount applies to claims against all named defendants.

There are three asbestos cases, involving 19 plaintiffs, that plead specified damages against named defendants. In each of the three cases, the plaintiff is seeking compensatory and punitive damages based on a variety of potentially alternative causes of action. In two cases, the plaintiff has alleged three counts at \$3 million compensatory and punitive damages each; one count at \$3 million compensatory and \$1 million punitive damages; one count at \$1 million. In the third case, the plaintiff has alleged compensatory and punitive damages, each in the amount of \$20.0 million, for three separate causes of action, and \$5.0 million compensatory damages for the fifth cause of action.

Historically, we have been dismissed from asbestos cases on the basis that the plaintiff incorrectly sued one of our subsidiaries or because the plaintiff failed to identify any asbestos-containing product manufactured or sold by us or our subsidiaries. We intend to vigorously defend these asbestos cases, and believe we will continue to be successful in being dismissed from such cases. However, it is not possible to predict the ultimate outcome of asbestos-related lawsuits, claims and proceedings due to the unpredictable nature of personal injury litigation. Despite this uncertainty, and although our results of operations and cash flows for a particular period could be adversely affected by asbestos-related lawsuits, claims and proceedings, management believes that the ultimate resolution of these matters will not have a material adverse effect on our financial condition, liquidity or results of operations. Among the factors management considered in reaching this conclusion were: (a) our historical success in being dismissed from these types of lawsuits on the bases mentioned above; (b) many cases have been improperly filed against one of our subsidiaries; (c) in many cases the plaintiffs have been unable to establish any causal relationship to us or our products or premises; (d) in many cases, the plaintiffs have been unable to demonstrate that they have suffered any identifiable injury or compensable loss at all or that any injuries that they have incurred did in fact result from alleged exposure to asbestos; and (e) the complaints assert claims against multiple defendants and, in most cases, the damages alleged are not attributed to individual defendants. Additionally, we do not believe that the amounts claimed in any of the asbestos cases are meaningful indicators of our potential exposure because the amounts claimed typically bear no relation to the extent of the plaintiff's injury, if any.

Our cost of defending these lawsuits has not been material to date and, based upon available information, our management does not expect its future costs for asbestos-related lawsuits to have a material adverse effect on our

results of operations, liquidity or financial position.

In August 2013, we received a subpoena from the staff of the SEC in connection with the staff's investigation of a third party. At that time, we also learned that the Department of Justice ("DOJ") is conducting a criminal investigation of the third

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party. In connection with its initial response to the staff's subpoena, we disclosed to the staff of the SEC that, in November 2007, the third party participated in a payment on behalf of us to a foreign tax official that implicates the Foreign Corrupt Practices Act. The Board of Directors formed a special committee to review our transactions with the third party and to make any recommendations to the Board of Directors with respect thereto. The Company intends to cooperate fully with the SEC and the DOJ in connection with their investigations of the third party and with the SEC in light of the Company's disclosure. The Company is unable to predict the outcome or impact of the special committee's investigation or the length, scope or results of the SEC's review or the impact on its results of operations.

Item 1A. Risk Factors

There have been no material changes in the risk factors previously disclosed in the Company's Annual Report on Form 10-K for the year ended December 31, 2017.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

The table below summarizes the information regarding our repurchases of the Company's common stock during the quarter ended September 30, 2018.

Period	Total Number of Shares Purchased	Average Price Paid Per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans (1)	Maximum Number of Shares That May Yet Be Purchased Under the Plans or Program (1)
July 1 — July 31, 2018	970	(2)\$ 37.30	—	581,189
August 1 — August 31, 2018	103,035	(2)40.93	103,035	478,154
September 1 — September 30, 2018	21,498	(2)41.64	20,469	457,685
Total	125,503	\$ —	123,504	457,685

(1) On March 4, 2013, we announced a share repurchase program whereby we may repurchase up to 1.0 million shares of our outstanding common stock.

(2) Consists of an aggregate total of 1,999 shares of common stock we acquired from recipients of restricted stock awards at the time of vesting of such awards in order to settle recipient withholding tax liabilities.

Item 6. Exhibits

The following exhibits are included herein:

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31.1 Principal Executive Officer's Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

31.2 Principal Financial Officer's Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

32 Certification requirement under Section 906 of the Sarbanes-Oxley Act of 2002

101.INS XBRL Instance Document

101.SCH XBRL Taxonomy Extension Schema Document

101.CALXBRL Taxonomy Extension Calculation Linkbase Document

101.DEF XBRL Taxonomy Extension Definition Linkbase Document

101.LABXBRL Taxonomy Extension Label Linkbase Document

101.PRE XBRL Taxonomy Extension Presentation Linkbase Document

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

PARK-OHIO HOLDINGS CORP.

(Registrant)

By: /s/ Patrick W. Fogarty

Name: Patrick W. Fogarty

Title: Vice President and Chief Financial Officer
(Principal Financial and Accounting Officer)

Date: November 6, 2018