

EATON VANCE SENIOR FLOATING RATE TRUST
Form N-CSRS
June 25, 2015

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Form N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES
Investment Company Act File Number: 811-21411

Eaton Vance Senior Floating-Rate Trust
(Exact Name of Registrant as Specified in Charter)

Two International Place, Boston, Massachusetts 02110
(Address of Principal Executive Offices)

Maureen A. Gemma

Two International Place, Boston, Massachusetts 02110

(Name and Address of Agent for Services)

(617) 482-8260

(Registrant's Telephone Number)

October 31

Date of Fiscal Year End

April 30, 2015

Date of Reporting Period

Item 1. Reports to Stockholders

Eaton Vance

Senior Floating-Rate Trust (EFR)

Semiannual Report

April 30, 2015

Commodity Futures Trading Commission Registration. Effective December 31, 2012, the Commodity Futures Trading Commission (CFTC) adopted certain regulatory changes that subject registered investment companies and advisers to regulation by the CFTC if a fund invests more than a prescribed level of its assets in certain CFTC-regulated instruments (including futures, certain options and swap agreements) or markets itself as providing investment exposure to such instruments. The Fund has claimed an exclusion from the definition of the term commodity pool operator under the Commodity Exchange Act. Accordingly, neither the Fund nor the adviser with respect to the operation of the Fund is subject to CFTC regulation. Because of its management of other strategies, the Fund's adviser is registered with the CFTC as a commodity pool operator and a commodity trading advisor.

Fund shares are not insured by the FDIC and are not deposits or other obligations of, or guaranteed by, any depository institution. Shares are subject to investment risks, including possible loss of principal invested.

Semiannual Report April 30, 2015

Eaton Vance

Senior Floating-Rate Trust

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Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Performance^{1,2}

Portfolio Managers Scott H. Page, CFA, Craig P. Russ and Peter M. Campo, CFA

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ten Years
Fund at NAV	11/28/2003	3.23%	4.27%	7.40%	5.74%
Fund at Market Price		8.14	5.01	4.23	5.11
S&P/LSTA Leveraged Loan Index		2.28%	3.35%	4.94%	5.08%

% Premium/Discount to NAV³	3.98%
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Distributions⁴	
Total Distributions per share for the period	\$ 0.468
Distribution Rate at NAV	6.11%
Distribution Rate at Market Price	6.37%

% Total Leverage⁵	
Auction Preferred Shares (APS)	14.66%
Borrowings	22.33

See Endnotes and Additional Disclosures in this report.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value (NAV) or market price (as applicable) with all distributions reinvested and includes management fees and other expenses. Fund performance at market price will differ from its results at NAV due to factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for Fund shares, or changes in Fund distributions. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance less than one year is cumulative. Performance is for the stated time period only; due to market volatility, current Fund performance may be lower or higher than the quoted return. For performance as of the most recent month-end, please refer to eatonvance.com.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Fund Profile

Top 10 Issuers (% of total investments)⁶

Valeant Pharmaceuticals International, Inc.	1.3%
Community Health Systems, Inc.	1.1
Asurion, LLC	1.1
First Data Corp.	1.0
Calpine Corp.	1.0
Virgin Media Investment Holdings Limited	0.9
Dell, Inc.	0.9
FMG Resources (August 2006) Pty. Ltd.	0.9
Ineos US Finance, LLC	0.9
Intelsat Jackson Holdings S.A.	0.9
Total	10.0%

Credit Quality (% of bonds, loans and asset-backed securities)⁷

Top 10 Sectors (% of total investments)⁶

Health Care	10.4%
Electronics/Electrical	8.1
Business Equipment and Services	7.6
Retailers (Except Food and Drug)	5.5

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Chemicals and Plastics	5.3
Food Products	4.4
Oil and Gas	4.3
Lodging and Casinos	3.8
Financial Intermediaries	3.7
Automotive	3.3
Total	56.4%

See Endnotes and Additional Disclosures in this report.

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April 30, 2015

Endnotes and Additional Disclosures

- ¹ S&P/LSTA Leveraged Loan Index is an unmanaged index of the institutional leveraged loan market. Unless otherwise stated, index returns do not reflect the effect of any applicable sales charges, commissions, expenses, taxes or leverage, as applicable. It is not possible to invest directly in an index.
- ² Performance results reflect the effects of leverage. The Fund's performance for certain periods reflect the effects of expense reductions. Absent these reductions, performance would have been lower. Performance since inception for an index, if presented, is the performance since the Fund's or oldest share class' inception, as applicable.
- ³ The shares of the Fund often trade at a discount or premium from their net asset value. The discount or premium of the Fund may vary over time and may be higher or lower than what is quoted in this report. For up-to-date premium/discount information, please refer to <http://eatonvance.com/closedend>.
- ⁴ The Distribution Rate is based on the Fund's last regular distribution per share in the period (annualized) divided by the Fund's NAV or market price at the end of the period. The Fund's distributions may be comprised of amounts characterized for federal income tax purposes as tax-exempt income, qualified and non-qualified ordinary dividends, capital gains and nondividend distributions, also known as return of capital. As of 4/30/2015, distributions included estimates of return of capital. For additional information about nondividend distributions, please refer to Eaton Vance Closed-End Fund Distribution Notices (19a) posted on our website, eatonvance.com. The Fund will determine the federal income tax character of distributions paid to a shareholder after the end of the calendar year. This is reported on the IRS form 1099-DIV and provided to the shareholder shortly after each year-end. For information about the tax character of distributions made in prior calendar years, please refer to Performance-Tax Character of Distributions on the Fund's webpage available at eatonvance.com. The Fund's distributions are determined by the investment adviser based on its current assessment of the Fund's long-term return potential. As portfolio and market conditions change, the rate of distributions paid by the Fund could change.
- ⁵ Leverage represents the liquidation value of the Fund's APS and borrowings outstanding as a percentage of Fund net assets applicable to common shares plus APS and borrowings outstanding. Use of leverage creates an opportunity for income, but creates risks including greater price volatility. The cost of leverage rises and falls with changes in short-term interest rates. The Fund may be required to maintain prescribed asset coverage for its leverage and may be required to reduce its leverage at an inopportune time.
- ⁶ Excludes cash and cash equivalents.
- ⁷ Ratings are based on Moody's, S&P or Fitch, as applicable. If securities are rated differently by the ratings agencies, the higher rating is applied. Ratings, which are subject to change, apply to the creditworthiness of the issuers of the underlying securities and not to the Fund or its shares. Credit ratings measure the quality of a bond based on the issuer's creditworthiness, with ratings ranging from AAA, being the highest, to D, being the lowest based on S&P's measures. Ratings of BBB or higher by S&P or Fitch (Baa or higher by Moody's) are considered to be investment-grade quality. Credit ratings are based largely on the ratings agency's analysis at the time of rating. The rating assigned to any particular security is not necessarily a reflection of the issuer's current financial condition and does not necessarily reflect its assessment of the volatility of a security's market value or of the liquidity of an investment in the security. Holdings designated as Not Rated are not rated by the national ratings agencies stated above.

Fund profile subject to change due to active management.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited)

Senior Floating-Rate Interests 140.3%

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Aerospace and Defense 2.1%		
BE Aerospace, Inc. Term Loan, 4.00%, Maturing December 16, 2021	1,022	\$ 1,035,090
DAE Aviation Holdings, Inc. Term Loan, 5.00%, Maturing November 2, 2018	615	618,887
Ducommun Incorporated Term Loan, 4.75%, Maturing June 28, 2017	638	640,276
IAP Worldwide Services, Inc. Revolving Loan, Maturing July 18, 2018 ⁽²⁾	311	311,232
Term Loan - Second Lien, 8.00%, Maturing July 18, 2019 ⁽³⁾	427	341,936
Silver II US Holdings, LLC Term Loan, 4.00%, Maturing December 13, 2019	1,808	1,764,171
Standard Aero Limited Term Loan, 5.00%, Maturing November 2, 2018	278	280,084
Transdigm, Inc. Term Loan, 3.75%, Maturing February 28, 2020	4,723	4,740,208
Term Loan, 3.75%, Maturing June 4, 2021	1,811	1,817,964
		\$ 11,549,848
Air Transport 0.4%		
Virgin America, Inc. Term Loan, 4.50%, Maturing April 4, 2019	2,350	\$ 2,149,075
		\$ 2,149,075
Automotive 5.1%		
Affinia Group Intermediate Holdings, Inc. Term Loan, 4.75%, Maturing April 27, 2020	1,213	\$ 1,215,577
Allison Transmission, Inc. Term Loan, 3.50%, Maturing August 23, 2019	2,799	2,820,539
Chrysler Group, LLC Term Loan, 3.50%, Maturing May 24, 2017	4,874	4,889,253
Term Loan, 3.25%, Maturing December 31, 2018	2,079	2,083,973
CS Intermediate Holdco 2, LLC Term Loan, 4.00%, Maturing April 4, 2021	645	649,157
Dayco Products, LLC Term Loan, 5.25%, Maturing December 12, 2019	990	994,950

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Federal-Mogul Holdings Corporation		
Term Loan, 4.75%, Maturing April 15, 2021	3,896	3,895,076
Goodyear Tire & Rubber Company (The)		
Term Loan - Second Lien, 4.75%, Maturing April 30, 2019	5,542	5,610,937
INA Beteiligungsgesellschaft GmbH		
Term Loan, 4.25%, Maturing May 15, 2020	1,025	1,035,033
	Principal Amount*	
Borrower/Tranche Description	(000 s omitted)	Value
<i>Automotive (continued)</i>		
MPG Holdco I, Inc.		
Term Loan, 4.25%, Maturing October 20, 2021	2,629	\$ 2,642,060
TI Group Automotive Systems, LLC		
Term Loan, 4.25%, Maturing July 2, 2021	844	846,261
Tower Automotive Holdings USA, LLC		
Term Loan, 4.00%, Maturing April 23, 2020	740	743,211
Visteon Corporation		
Term Loan, 3.50%, Maturing April 9, 2021	1,067	1,068,105
		\$ 28,494,132
<i>Beverage and Tobacco 0.3%</i>		
Flavors Holdings, Inc.		
Term Loan, 6.75%, Maturing April 3, 2020	780	\$ 756,600
Term Loan - Second Lien, 11.00%, Maturing October 3, 2021	1,000	965,000
		\$ 1,721,600
<i>Brokerage / Securities Dealers / Investment Houses 0.1%</i>		
Astro AB Borrower, Inc.		
Term Loan, Maturing April 30, 2022 ⁽²⁾	325	\$ 329,469
Term Loan - Second Lien, Maturing March 3, 2023 ⁽²⁾	275	276,719
		\$ 606,188
<i>Building and Development 1.4%</i>		
ABC Supply Co., Inc.		
Term Loan, 3.50%, Maturing April 16, 2020	1,256	\$ 1,261,055
CPG International, Inc.		
Term Loan, 4.75%, Maturing September 30, 2020	616	612,932
Gates Global, Inc.		
Term Loan, 4.25%, Maturing July 5, 2021	1,493	1,495,831
Headwaters, Incorporated		
Term Loan, 4.50%, Maturing March 24, 2022	200	201,500
Quikrete Holdings, Inc.		
Term Loan, 4.00%, Maturing September 28, 2020	922	925,553
RE/MAX International, Inc.		
Term Loan, 4.25%, Maturing July 31, 2020	1,509	1,506,430
Realogy Corporation		
Term Loan, 3.75%, Maturing March 5, 2020	980	984,841
Summit Materials Companies I, LLC		
Term Loan, 5.00%, Maturing January 30, 2019	462	463,549
WireCo WorldGroup, Inc.		
Term Loan, 6.00%, Maturing February 15, 2017	576	577,615
		\$ 8,029,306

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Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Business Equipment and Services 11.9%		
Acosta Holdco, Inc.		
Term Loan, 4.25%, Maturing September 26, 2021	3,333	\$ 3,374,916
Altisource Solutions S.a.r.l.		
Term Loan, 4.50%, Maturing December 9, 2020	2,814	2,433,829
AVSC Holding Corp.		
Term Loan, 4.50%, Maturing January 24, 2021	421	422,854
BakerCorp International, Inc.		
Term Loan, 4.25%, Maturing February 14, 2020	995	967,965
Brickman Group Ltd., LLC		
Term Loan, 4.00%, Maturing December 18, 2020	815	817,645
Brock Holdings III, Inc.		
Term Loan, 6.00%, Maturing March 16, 2017	1,042	1,026,795
CCC Information Services, Inc.		
Term Loan, 4.00%, Maturing December 20, 2019	416	417,173
Ceridian, LLC		
Term Loan, 4.50%, Maturing September 15, 2020	617	616,754
ClientLogic Corporation		
Term Loan, 7.53%, Maturing January 30, 2017	1,567	1,558,868
Corporate Capital Trust, Inc.		
Term Loan, 4.00%, Maturing May 15, 2019	941	941,064
Crossmark Holdings, Inc.		
Term Loan, 4.50%, Maturing December 20, 2019	1,165	1,083,320
Education Management, LLC		
Term Loan, 5.50%, Maturing July 2, 2020	266	239,732
Term Loan, 8.50%, (2.00% Cash, 6.50% PIK), Maturing July 2, 2020	450	361,892
EIG Investors Corp.		
Term Loan, 5.00%, Maturing November 9, 2019	2,374	2,353,079
Emdeon Business Services, LLC		
Term Loan, 3.75%, Maturing November 2, 2018	1,411	1,418,486
Expert Global Solutions, Inc.		
Term Loan, 8.50%, Maturing April 3, 2018	643	645,054
Extreme Reach, Inc.		
Term Loan, 6.75%, Maturing February 7, 2020	722	729,695
Garda World Security Corporation		
Term Loan, 4.00%, Maturing November 6, 2020	110	110,402
Term Loan, 4.00%, Maturing November 6, 2020	431	431,573
Term Loan, 4.75%, Maturing November 6, 2020	1,351	1,099,890
	CAD	
IG Investment Holdings, LLC		
Term Loan, 6.00%, Maturing October 29, 2021	1,872	1,876,954
IMS Health Incorporated		
Term Loan, 3.50%, Maturing March 17, 2021	1,947	1,951,758
Information Resources, Inc.		
Term Loan, 4.75%, Maturing September 30, 2020	1,182	1,189,013
Borrower/Tranche Description		Value

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		Principal Amount*	
		(000 s omitted)	
Business Equipment and Services (continued)			
ION Trading Technologies S.a.r.l.			
Term Loan, 4.50%, Maturing June 10, 2021	EUR	1,125	\$ 1,278,365
Term Loan - Second Lien, 7.25%, Maturing June 10, 2022		1,000	997,500
KAR Auction Services, Inc.			
Term Loan, 3.50%, Maturing March 11, 2021		2,695	2,705,390
Kronos Incorporated			
Term Loan, 4.50%, Maturing October 30, 2019		2,366	2,386,462
Term Loan - Second Lien, 9.75%, Maturing April 30, 2020		1,073	1,108,859
Language Line, LLC			
Term Loan, 6.25%, Maturing June 20, 2016		1,295	1,294,617
MCS AMS Sub-Holdings, LLC			
Term Loan, 7.00%, Maturing October 15, 2019		974	951,422
Monitronics International, Inc.			
Term Loan, 4.25%, Maturing March 23, 2018		527	528,349
Term Loan, 4.50%, Maturing April 2, 2022		675	679,219
PGX Holdings, Inc.			
Term Loan, 6.25%, Maturing September 29, 2020		568	573,136
Quintiles Transnational Corp.			
Term Loan, 3.75%, Maturing June 8, 2018		5,374	5,394,349
RCS Capital Corporation			
Term Loan, 6.50%, Maturing April 29, 2019		1,742	1,722,044
Term Loan - Second Lien, 10.50%, Maturing April 29, 2021		1,000	987,500
Sensus USA, Inc.			
Term Loan, 4.50%, Maturing May 9, 2017		648	647,622
Term Loan - Second Lien, 8.50%, Maturing May 9, 2018		1,000	992,500
ServiceMaster Company			
Term Loan, 4.25%, Maturing July 1, 2021		2,413	2,422,666
SunGard Data Systems, Inc.			
Term Loan, 3.93%, Maturing February 28, 2017		887	890,177
Term Loan, 4.00%, Maturing March 8, 2020		5,622	5,665,451
TNS, Inc.			
Term Loan, 5.00%, Maturing February 14, 2020		915	920,657
TransUnion, LLC			
Term Loan, 4.00%, Maturing April 9, 2021		4,158	4,181,389
Travelport Finance (Luxembourg) S.a.r.l.			
Term Loan, 5.75%, Maturing September 2, 2021		1,197	1,210,934
WASH Multifamily Laundry Systems, LLC			
Term Loan, 4.50%, Maturing February 21, 2019		319	319,097
West Corporation			
Term Loan, 3.25%, Maturing June 30, 2018		3,217	3,227,058
			\$ 67,153,474

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Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Cable and Satellite Television 2.7%		
Cequel Communications, LLC		
Term Loan, 3.50%, Maturing February 14, 2019	1,093	\$ 1,098,719
Crown Media Holdings, Inc.		
Term Loan, 4.00%, Maturing July 14, 2018	249	248,107
MCC Iowa, LLC		
Term Loan, 3.25%, Maturing January 29, 2021	983	980,044
Term Loan, 3.75%, Maturing June 30, 2021	868	871,966
Mediacom Illinois, LLC		
Term Loan, 3.15%, Maturing October 23, 2017	786	785,930
Term Loan, 3.75%, Maturing June 30, 2021	498	499,211
Numericable U.S., LLC		
Term Loan, 4.50%, Maturing May 21, 2020	1,041	1,046,640
Term Loan, 4.50%, Maturing May 21, 2020	1,203	1,209,798
Sterling Entertainment Enterprises, LLC		
Term Loan, 2.94%, Maturing December 28, 2017	720	696,600
Virgin Media Bristol, LLC		
Term Loan, 3.50%, Maturing June 7, 2020	3,338	3,344,834
Virgin Media Investment Holdings Limited		
Term Loan, 4.25%, Maturing June 30, 2023	GBP 1,475	2,278,275
Ziggo B.V.		
Term Loan, 3.75%, Maturing January 15, 2022	EUR 382	431,172
Term Loan, 3.75%, Maturing January 15, 2022	EUR 593	669,299
Term Loan, 3.75%, Maturing January 15, 2022	EUR 1,074	1,211,442
		\$ 15,372,037
Chemicals and Plastics 7.2%		
Allnex (Luxembourg) & Cy S.C.A.		
Term Loan, 4.50%, Maturing October 3, 2019	275	\$ 276,401
Allnex USA, Inc.		
Term Loan, 4.50%, Maturing October 3, 2019	143	143,411
Aruba Investments, Inc.		
Term Loan, 5.25%, Maturing February 2, 2022	300	303,180
Axalta Coating Systems US Holdings, Inc.		
Term Loan, 3.75%, Maturing February 1, 2020	3,756	3,771,513
AZ Chem US, Inc.		
Term Loan, 4.50%, Maturing June 12, 2021	2,086	2,100,625
Colouroz Investment 1, GmbH		
Term Loan, 4.75%, Maturing September 7, 2021	148	149,598
Term Loan, 4.75%, Maturing September 7, 2021	897	904,946
ECO Services Operations, LLC		
Term Loan, 4.75%, Maturing December 4, 2021	399	402,990

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Emerald Performance Materials, LLC		522	526,075
Term Loan, 4.50%, Maturing August 1, 2021			
Term Loan - Second Lien, 7.75%, Maturing August 1, 2022		550	552,062
		Principal Amount*	
Borrower/Tranche Description		(000 s omitted)	Value
Chemicals and Plastics (continued)			
Gemini HDPE, LLC			
Term Loan, 4.75%, Maturing August 7, 2021		2,234	\$ 2,250,641
Huntsman International, LLC			
Term Loan, 3.75%, Maturing August 12, 2021		995	1,001,219
Ineos Finance PLC			
Term Loan, 4.00%, Maturing May 4, 2018	EUR	995	1,120,248
Term Loan, 4.25%, Maturing March 31, 2022	EUR	425	478,873
Ineos US Finance, LLC			
Term Loan, 3.75%, Maturing May 4, 2018		5,007	5,022,861
Term Loan, 4.25%, Maturing March 31, 2022		700	705,000
Kronos Worldwide, Inc.			
Term Loan, 4.75%, Maturing February 18, 2020		297	299,645
MacDermid, Inc.			
Term Loan, 4.50%, Maturing June 7, 2020		1,309	1,322,908
Term Loan, 4.75%, Maturing June 7, 2020		599	605,340
Minerals Technologies, Inc.			
Term Loan, 4.00%, Maturing May 7, 2021		1,831	1,841,706
Omnova Solutions, Inc.			
Term Loan, 4.25%, Maturing May 31, 2018		958	958,997
Orion Engineered Carbons GmbH			
Term Loan, 5.00%, Maturing July 25, 2021		572	578,561
Term Loan, 5.00%, Maturing July 25, 2021	EUR	970	1,102,467
OXEA Finance, LLC			
Term Loan, 4.25%, Maturing January 15, 2020		690	677,003
Term Loan - Second Lien, 8.25%, Maturing July 15, 2020		1,000	935,000
Polarpak, Inc.			
Term Loan, 5.50%, Maturing June 7, 2020	CAD	3,050	2,527,973
PQ Corporation			
Term Loan, 4.00%, Maturing August 7, 2017		1,149	1,150,501
Solenis International L.P.			
Term Loan, 4.25%, Maturing July 31, 2021		299	299,573
Term Loan, 4.50%, Maturing July 31, 2021	EUR	970	1,098,918
Sonneborn Refined Products B.V.			
Term Loan, 5.50%, Maturing December 10, 2020		71	71,694
Sonneborn, LLC			
Term Loan, 5.50%, Maturing December 10, 2020		403	406,265
Trinseo Materials Operating S.C.A.			
Term Loan, Maturing October 13, 2021 ⁽²⁾		325	326,828
Tronox Pigments (Netherlands) B.V.			
Term Loan, 4.25%, Maturing March 19, 2020		2,967	2,980,425
Univar, Inc.			
Term Loan, 5.00%, Maturing June 30, 2017		3,526	3,544,794
			\$ 40,438,241

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Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description		Principal Amount* (000 s omitted)	Value
Conglomerates 1.3%			
Bestway UK Holdco Limited			
Term Loan, 5.26%, Maturing October 6, 2021	GBP	1,760	\$ 2,724,040
RGIS Services, LLC			
Term Loan, 5.50%, Maturing October 18, 2017		2,820	2,658,109
Spectrum Brands Europe GmbH			
Term Loan, 3.75%, Maturing September 4, 2019	EUR	963	1,091,229
Spectrum Brands, Inc.			
Term Loan, 3.50%, Maturing September 4, 2019		1,034	1,038,128
			\$ 7,511,506
Containers and Glass Products 1.8%			
Berry Plastics Holding Corporation			
Term Loan, 3.50%, Maturing February 8, 2020		2,132	\$ 2,135,497
Term Loan, 3.75%, Maturing January 6, 2021		612	614,216
Crown Americas, LLC			
Term Loan, 5.50%, Maturing October 22, 2021		1,521	1,532,590
Hilex Poly Co., LLC			
Term Loan, 6.00%, Maturing December 5, 2021		1,496	1,516,823
Libbey Glass, Inc.			
Term Loan, 3.75%, Maturing April 9, 2021		397	398,365
Pelican Products, Inc.			
Term Loan, 5.25%, Maturing April 10, 2020		371	371,937
Reynolds Group Holdings, Inc.			
Term Loan, 4.50%, Maturing December 1, 2018		2,770	2,799,924
TricorBraun, Inc.			
Term Loan, 4.00%, Maturing May 3, 2018		574	574,185
			\$ 9,943,537
Cosmetics / Toiletries 0.7%			
Prestige Brands, Inc.			
Term Loan, 4.13%, Maturing January 31, 2019		153	\$ 154,157
Term Loan, 4.50%, Maturing September 3, 2021		587	590,779
Revlon Consumer Products Corporation			
Term Loan, 4.00%, Maturing October 8, 2019		1,188	1,194,059
Sun Products Corporation (The)			
Term Loan, 5.50%, Maturing March 23, 2020		2,111	2,039,941
			\$ 3,978,936

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Drugs 3.6%

Alkermes, Inc.

Term Loan, 3.50%, Maturing September 18, 2019 367 \$ 367,840

AMAG Pharmaceuticals, Inc.

Term Loan, 7.25%, Maturing November 12, 2020 585 590,850

Borrower/Tranche Description

**Principal
Amount***
(000 s omitted) **Value**

Drugs (continued)

Concordia Healthcare Corp.

Term Loan, 4.75%, Maturing March 30, 2022 250 \$ 252,292

DPx Holdings B.V.

Term Loan, 4.25%, Maturing March 11, 2021 868 870,789

Term Loan, 4.50%, Maturing March 11, 2021 EUR 700 793,265

Term Loan, 4.50%, Maturing March 11, 2021 EUR 298 337,421

Endo Luxembourg Finance Company I S.a.r.l.

Term Loan, 3.25%, Maturing March 1, 2021 396 396,825

Horizon Pharma Holdings USA, Inc.

Term Loan, Maturing April 22, 2021⁽²⁾ 2,225 2,243,775

Mallinckrodt International Finance S.A.

Term Loan, 3.25%, Maturing March 19, 2021 1,510 1,511,907

Par Pharmaceutical Companies, Inc.

Term Loan, 4.00%, Maturing September 30, 2019 1,868 1,872,755

Valeant Pharmaceuticals International, Inc.

Term Loan, 3.50%, Maturing February 13, 2019 1,593 1,600,200

Term Loan, 3.50%, Maturing December 11, 2019 2,561 2,571,364

Term Loan, 3.50%, Maturing August 5, 2020 3,125 3,137,397

Term Loan, 4.00%, Maturing April 1, 2022 3,625 3,654,681

VWR Funding, Inc.

Term Loan, 3.43%, Maturing April 3, 2017 79 78,970

\$ 20,280,331

Ecological Services and Equipment 0.8%

ADS Waste Holdings, Inc.

Term Loan, 3.75%, Maturing October 9, 2019 3,833 \$ 3,831,269

EnergySolutions, LLC

Term Loan, 6.75%, Maturing May 29, 2020 797 801,497

\$ 4,632,766

Electronics / Electrical 12.7%

Allflex Holdings III, Inc.

Term Loan, 4.25%, Maturing July 17, 2020 640 \$ 645,319

Answers Corporation

Term Loan, 6.25%, Maturing October 3, 2021 2,097 2,015,982

Applied Systems, Inc.

Term Loan, 4.27%, Maturing January 25, 2021 816 820,285

Avago Technologies Cayman Ltd.

Term Loan, 3.75%, Maturing May 6, 2021 5,354 5,386,050

Blue Coat Systems, Inc.

Term Loan - Second Lien, 9.50%, Maturing June 28, 2020 825 843,562

Campaign Monitor Finance Pty Limited

Term Loan, 6.25%, Maturing March 18, 2021 718 716,853

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Electronics / Electrical (continued)		
Carros Finance Luxembourg S.a.r.l. Term Loan, 4.50%, Maturing September 30, 2021	348	\$ 353,038
Cinedigm Digital Funding I, LLC Term Loan, 3.75%, Maturing February 28, 2018	265	266,071
CompuCom Systems, Inc. Term Loan, 4.25%, Maturing May 11, 2020	1,195	1,122,061
Dealertrack Technologies, Inc. Term Loan, 3.25%, Maturing February 28, 2021	477	477,085
Dell, Inc. Term Loan, 4.50%, Maturing April 29, 2020	8,225	8,266,989
Eagle Parent, Inc. Term Loan, 4.00%, Maturing May 16, 2018	3,372	3,391,251
Entegris, Inc. Term Loan, 3.50%, Maturing April 30, 2021	417	418,663
Excelitas Technologies Corp. Term Loan, 6.00%, Maturing October 31, 2020	828	834,583
Eze Castle Software, Inc. Term Loan, Maturing April 6, 2020 ⁽²⁾	1,500	1,504,999
FIDJI Luxembourg (BC4) S.a.r.l. Term Loan, 6.25%, Maturing December 24, 2020	760	760,950
Freescale Semiconductor, Inc. Term Loan, 4.25%, Maturing February 28, 2020	1,855	1,864,046
Go Daddy Operating Company, LLC Term Loan, 4.50%, Maturing May 13, 2021	4,511	4,548,212
Hyland Software, Inc. Term Loan, 4.75%, Maturing February 19, 2021	492	494,761
Infor (US), Inc. Term Loan, 3.75%, Maturing June 3, 2020	5,212	5,207,236
Lattice Semiconductor Corporation Term Loan, 5.25%, Maturing March 10, 2021	575	580,031
M/A-COM Technology Solutions Holdings, Inc. Term Loan, 4.50%, Maturing May 7, 2021	521	526,273
MA FinanceCo., LLC Term Loan, 4.50%, Maturing November 20, 2019	1,100	1,103,666
Magic Newco, LLC Term Loan, 5.00%, Maturing December 12, 2018	1,365	1,374,239
MH Sub I, LLC Term Loan, 5.00%, Maturing July 8, 2021	869	874,374
Microsemi Corporation Term Loan, 3.25%, Maturing February 19, 2020	1,254	1,259,313
Orbotech, Inc. Term Loan, 5.00%, Maturing August 6, 2020	448	448,019
Borrower/Tranche Description		Value

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	Principal Amount* (000 s omitted)	
Electronics / Electrical (continued)		
Renaissance Learning, Inc.		
Term Loan, 4.50%, Maturing April 9, 2021	2,193	\$ 2,176,552
Term Loan - Second Lien, 8.00%, Maturing April 11, 2022	225	219,937
Rocket Software, Inc.		
Term Loan, 5.75%, Maturing February 8, 2018	1,198	1,204,909
Term Loan - Second Lien, 10.25%, Maturing February 8, 2019	750	754,219
RP Crown Parent, LLC		
Term Loan, 6.00%, Maturing December 21, 2018	4,530	4,419,545
SGS Cayman L.P.		
Term Loan, 6.00%, Maturing April 23, 2021	202	203,864
Shield Finance Co. S.a.r.l.		
Term Loan, 5.00%, Maturing January 29, 2021	693	698,775
Sirius Computer Solutions, Inc.		
Term Loan, 7.00%, Maturing December 7, 2018	428	433,428
SkillSoft Corporation		
Term Loan, 5.75%, Maturing April 28, 2021	2,184	2,177,847
Smart Technologies ULC		
Term Loan, 10.50%, Maturing January 31, 2018	577	579,759
Sophia L.P.		
Term Loan, 4.00%, Maturing July 19, 2018	1,237	1,243,387
SunEdison Semiconductor B.V.		
Term Loan, 6.50%, Maturing May 27, 2019	844	845,734
SurveyMonkey.com, LLC		
Term Loan, 5.50%, Maturing February 5, 2019	529	533,638
Sutherland Global Services, Inc.		
Term Loan, 6.00%, Maturing April 23, 2021	868	875,789
Sybil Software, LLC		
Term Loan, 4.75%, Maturing March 20, 2020	2,136	2,156,294
Vantiv, LLC		
Term Loan, 3.75%, Maturing June 13, 2021	765	769,452
Vertafore, Inc.		
Term Loan, 4.25%, Maturing October 3, 2019		