

EATON VANCE SENIOR FLOATING RATE TRUST

Form N-Q

March 31, 2008

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM N-Q

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS 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)

**The Eaton Vance Building,
255 State Street, Boston, Massachusetts**
(Address of Principal Executive Offices)

02109
(Zip code)

Maureen A. Gemma

Eaton Vance Management, 255 State Street, Boston, Massachusetts 02109
(Name and Address of Agent for Service)

Registrant's Telephone Number, Including Area
Code:

(617) 482-8260

Date of Fiscal Year End:

October 31

Date of Reporting Period:

January 31, 2008

Item 1. Schedule of Investments

Eaton Vance Senior Floating-Rate Trust

as of January 31, 2008

PORTFOLIO OF INVESTMENTS (Unaudited)

Senior Floating-Rate Interests 156.2% (1)

Principal Amount*	Borrower/Tranche Description	Value
Aerospace and Defense 2.9%		
	ACTS Aero Technical Support & Service, Inc.	
709,366	Term Loan, 7.31%, Maturing October 5, 2014	\$ 652,617
	Colt Defense, LLC	
995,000	Term Loan, 6.52%, Maturing July 9, 2014	988,781
	DAE Aviation Holdings, Inc.	
485,066	Term Loan, 7.75%, Maturing July 31, 2009	484,763
414,731	Term Loan, 6.99%, Maturing July 31, 2014	413,435
547,791	Term Loan, 7.93%, Maturing July 31, 2014	546,079
	Evergreen International Aviation	
1,395,302	Term Loan, 6.81%, Maturing October 31, 2011	1,325,537
	Hawker Beechcraft Acquisition	
117,836	Term Loan, Maturing March 26, 2014 (2)	111,944
1,382,164	Term Loan, Maturing March 26, 2014 (2)	1,313,056
176,702	Term Loan, 6.83%, Maturing March 26, 2014	159,813
2,072,636	Term Loan, 6.83%, Maturing March 26, 2014	1,874,536
	Hexcel Corp.	
820,506	Term Loan, 6.46%, Maturing March 1, 2012	808,199
	IAP Worldwide Services, Inc.	
955,500	Term Loan, 11.13%, Maturing December 30, 2012	848,484
	Spirit AeroSystems, Inc.	
1,609,784	Term Loan, 5.68%, Maturing December 31, 2011	1,599,723
	TransDigm, Inc.	
1,625,000	Term Loan, 6.86%, Maturing June 23, 2013	1,566,094
	Vought Aircraft Industries, Inc.	
2,123,306	Term Loan, 7.34%, Maturing December 17, 2011	2,010,064
	Wesco Aircraft Hardware Corp.	
1,142,688	Term Loan, 7.08%, Maturing September 29, 2013	1,099,837
		\$ 15,802,962
Air Transport 0.9%		
	Airport Development and Investment, Ltd.	
GBP 986,070	Term Loan, 9.64%, Maturing April 7, 2011	\$ 1,806,852
	Delta Air Lines, Inc.	
1,194,000	Term Loan, 8.08%, Maturing April 30, 2014	1,087,038
	Northwest Airlines, Inc.	
2,079,000	DIP Loan, 5.99%, Maturing August 21, 2008	1,905,751
		\$ 4,799,641
Automotive 5.7%		
	Accuride Corp.	
1,957,967	Term Loan, 7.56%, Maturing January 31, 2012	\$ 1,888,214
	Adesa, Inc.	
4,203,875	Term Loan, 7.08%, Maturing October 18, 2013	3,691,154
	Affina Group, Inc.	
1,370,985	Term Loan, 6.24%, Maturing November 30, 2011	1,340,138
	Allison Transmission, Inc.	
2,992,500	Term Loan, 7.43%, Maturing September 30, 2014	2,631,796
	AxleTech International Holding, Inc.	

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1,750,000	Term Loan, 11.23%, Maturing April 21, 2013	1,723,750
	Chrysler Financial	
1,500,000	Term Loan, Maturing August 1, 2014 (2)	1,350,000
	CSA Acquisition Corp.	
358,353	Term Loan, 7.38%, Maturing December 23, 2011	341,033
895,604	Term Loan, 7.38%, Maturing December 23, 2011	852,317
490,000	Term Loan, 7.38%, Maturing December 23, 2012	463,050

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		Dayco Products, LLC		
	1,748,610	Term Loan, 9.27%, Maturing June 21, 2011	\$	1,455,718
		Delphi Corp.		
	1,000,000	DIP Loan, 7.38%, Maturing July 1, 2008		987,500
		Ford Motor Co.		
	1,757,250	Term Loan, 8.00%, Maturing December 15, 2013		1,543,185
		General Motors Corp.		
	3,422,956	Term Loan, 7.06%, Maturing November 29, 2013		3,140,990
		Goodyear Tire & Rubber Co.		
	2,400,000	Term Loan, 6.43%, Maturing April 30, 2010		2,199,000
		HLI Operating Co., Inc.		
EUR	109,091	Term Loan, 6.94%, Maturing May 30, 2014		157,482
EUR	1,886,182	Term Loan, 7.59%, Maturing May 30, 2014		2,694,937
		Keystone Automotive Operations, Inc.		
	1,388,487	Term Loan, 7.44%, Maturing January 12, 2012		1,219,554
		LKQ Corp.		
	975,000	Term Loan, 6.57%, Maturing October 12, 2014		966,469
		TriMas Corp.		
	234,375	Term Loan, 5.39%, Maturing August 2, 2011		230,566
	1,002,930	Term Loan, 5.49%, Maturing August 2, 2013		986,632
		United Components, Inc.		
	1,197,003	Term Loan, 6.86%, Maturing June 30, 2010		1,144,634
			\$	31,008,119
Beverage and Tobacco	0.5%			
		Constellation Brands, Inc.		
	560,000	Term Loan, 6.60%, Maturing June 5, 2013	\$	543,050
		Culligan International Co.		
EUR	975,000	Term Loan, 9.32%, Maturing May 31, 2013		851,715
		Southern Wine & Spirits of America, Inc.		
	1,424,128	Term Loan, 6.34%, Maturing May 31, 2012		1,413,447
			\$	2,808,212
Brokers, Dealers and Investment Houses	0.1%			
		AmeriTrade Holding Corp.		
	730,172	Term Loan, 4.77%, Maturing December 31, 2012	\$	700,783
			\$	700,783
Building and Development	6.5%			
		Beacon Sales Acquisition, Inc.		
	691,250	Term Loan, 6.78%, Maturing September 30, 2013	\$	629,037
		Brickman Group Holdings, Inc.		
	1,215,813	Term Loan, 7.14%, Maturing January 23, 2014		1,130,706
		Building Materials Corp. of America		
	1,410,803	Term Loan, 6.69%, Maturing February 22, 2014		1,144,767
		Capital Automotive (REIT)		
	1,232,598	Term Loan, 6.39%, Maturing December 16, 2010		1,181,333
		Epco/Fantome, LLC		
	1,403,000	Term Loan, 5.90%, Maturing November 23, 2010		1,395,985
		Forestar USA Real Estate Group, Inc.		
	1,550,000	Term Loan, 8.32%, Maturing December 1, 2010		1,534,500
	1,550,000	Term Loan, 8.60%, Maturing December 1, 2010 (3)		1,526,750
		Hovstone Holdings, LLC		
	1,162,726	Term Loan, 5.80%, Maturing February 28, 2009 (4)		1,033,082
		LNR Property Corp.		
	2,800,000	Term Loan, 7.63%, Maturing July 3, 2011		2,590,000
		Metroflag BP, LLC		
	500,000	Term Loan, 13.02%, Maturing July 1, 2008		450,000
		Mueller Water Products, Inc.		
	1,784,739	Term Loan, 5.14%, Maturing May 24, 2014		1,691,040
		NCI Building Systems, Inc.		

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553,061	Term Loan, 6.73%, Maturing June 18, 2010	528,865
	Nortek, Inc.	
2,704,138	Term Loan, 5.53%, Maturing August 27, 2011	2,501,328

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		November 2005 Land Investors	
	306,506	Term Loan, 7.27%, Maturing May 9, 2011	\$ 245,205
		Panolam Industries Holdings, Inc.	
	1,000,288	Term Loan, 7.59%, Maturing September 30, 2012	875,252
		PLY GEM Industries, Inc.	
	1,841,744	Term Loan, 7.58%, Maturing August 15, 2011	1,631,785
	57,607	Term Loan, 7.58%, Maturing August 15, 2011	51,040
		Re/Max International, Inc.	
	700,000	Term Loan, 6.79%, Maturing December 17, 2012	630,000
	500,000	Term Loan, 12.50%, Maturing December 17, 2012	450,000
		Realogy Corp.	
	897,008	Term Loan, 7.76%, Maturing September 1, 2014	756,290
	3,331,742	Term Loan, 7.51%, Maturing September 1, 2014	2,809,075
		South Edge, LLC	
	787,500	Term Loan, 5.31%, Maturing October 31, 2009	602,437
		Stile Acquisition Corp.	
	1,160,497	Term Loan, 5.65%, Maturing April 6, 2013	1,004,753
		Stile U.S. Acquisition Corp.	
	1,162,479	Term Loan, 5.65%, Maturing April 6, 2013	1,006,469
		Tousa/Kolter, LLC	
	1,297,200	Term Loan, 7.00%, Maturing March 31, 2031 (4)	1,123,375
		TRU 2005 RE Holding Co.	
	4,100,000	Term Loan, 7.63%, Maturing December 9, 2008	3,856,562
		United Subcontractors, Inc.	
	825,000	Term Loan, 12.21%, Maturing June 27, 2013 (4)	591,195
		Wintergames Acquisition ULC	
	2,782,468	Term Loan, 6.55%, Maturing April 24, 2008	2,737,253
			\$ 35,708,084
Business Equipment and Services	10.3%		
		ACCO Brands Corp.	
	1,017,825	Term Loan, 6.38%, Maturing August 17, 2012	\$ 951,666
		Activant Solutions, Inc.	
	721,446	Term Loan, 6.77%, Maturing May 1, 2013	662,828
		Affiliated Computer Services	
	808,500	Term Loan, 5.29%, Maturing March 20, 2013	775,971
	2,142,375	Term Loan, 5.85%, Maturing March 20, 2013	2,056,179
		Affinion Group, Inc.	
	2,402,406	Term Loan, 7.44%, Maturing October 17, 2012	2,254,257
		Allied Security Holdings, LLC	
	1,240,909	Term Loan, 7.83%, Maturing June 30, 2010	1,172,659
		Buhrmann US, Inc.	
	2,058,838	Term Loan, 7.00%, Maturing December 31, 2010	2,017,661
		DynCorp International, LLC	
	1,073,596	Term Loan, 6.88%, Maturing February 11, 2011	1,012,758
		Education Management, LLC	
	2,710,005	Term Loan, 6.63%, Maturing June 1, 2013	2,512,023
		Info USA, Inc.	
	612,563	Term Loan, 6.83%, Maturing February 14, 2012	597,248
		Intergraph Corp.	
	1,000,000	Term Loan, Maturing May 29, 2014 (2)	960,000
		iPayment, Inc.	
	1,662,773	Term Loan, 6.45%, Maturing May 10, 2013	1,463,240
		ista International GmbH	
EUR	1,063,683	Term Loan, 6.77%, Maturing May 14, 2015	1,338,656
EUR	211,317	Term Loan, 6.77%, Maturing May 14, 2015	265,944
		Kronos, Inc.	
	1,086,643	Term Loan, 7.08%, Maturing June 11, 2014	969,829
		Language Line, Inc.	

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2,153,357	Term Loan, 6.52%, Maturing June 11, 2011 Mitchell International, Inc.	2,080,681
1,000,000	Term Loan, 10.13%, Maturing March 28, 2015 N.E.W. Holdings I, LLC	890,000
981,955	Term Loan, 7.13%, Maturing May 22, 2014	864,120

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		Protection One, Inc.	
	902,857	Term Loan, 6.45%, Maturing March 31, 2012	\$ 830,628
		Quantum Corp.	
	382,500	Term Loan, 8.33%, Maturing July 12, 2014	371,025
		Quintiles Transnational Corp.	
	1,700,000	Term Loan, 8.83%, Maturing March 31, 2014	1,634,125
		Sabre, Inc.	
	6,057,297	Term Loan, 5.24%, Maturing September 30, 2014	4,982,884
		Serena Software, Inc.	
	480,000	Term Loan, 7.18%, Maturing March 10, 2013	457,400
		Sitel (Client Logic)	
	1,995,594	Term Loan, 5.94%, Maturing January 29, 2014	1,781,068
		Solera Holdings, LLC	
EUR	789,735	Term Loan, 7.00%, Maturing May 15, 2014	1,128,357
		SunGard Data Systems, Inc.	
	12,774,465	Term Loan, 6.90%, Maturing February 11, 2013	11,870,940
		TDS Investor Corp.	
EUR	1,054,228	Term Loan, 7.02%, Maturing August 23, 2013	1,400,898
	1,345,107	Term Loan, 7.08%, Maturing August 23, 2013	1,244,014
	269,897	Term Loan, 7.08%, Maturing August 23, 2013	249,612
		Transaction Network Services, Inc.	
	623,911	Term Loan, 7.48%, Maturing May 4, 2012	602,074
		Valassis Communications, Inc.	
	238,601	Term Loan, 0.00%, Maturing March 2, 2014 (3)	213,548
	1,215,724	Term Loan, 6.58%, Maturing March 2, 2014	1,088,073
		VWR International, Inc.	
	1,625,000	Term Loan, 7.33%, Maturing June 28, 2013	1,497,031
		WAM Acquisition, S.A.	
EUR	245,946	Term Loan, 6.96%, Maturing May 4, 2014	328,809
EUR	154,054	Term Loan, 6.96%, Maturing May 4, 2014	206,113
EUR	245,946	Term Loan, 7.21%, Maturing May 4, 2015	330,630
EUR	154,054	Term Loan, 7.21%, Maturing May 4, 2015	207,149
		West Corp.	
	3,406,961	Term Loan, 5.85%, Maturing October 24, 2013	3,152,717
			\$ 56,422,815
Cable and Satellite Television	10.7%		
		Atlantic Broadband Finance, LLC	
	4,230,267	Term Loan, 7.08%, Maturing February 10, 2011	\$ 4,046,957
		Bragg Communications, Inc.	
	2,144,625	Term Loan, 7.58%, Maturing August 31, 2014	2,123,179
		Bresnan Broadband Holdings, LLC	
	500,000	Term Loan, 5.93%, Maturing March 29, 2014	467,291
	1,200,000	Term Loan, 9.47%, Maturing March 29, 2014	1,155,000
		Cequel Communications, LLC	
	1,550,000		