COOLANT
SPECIFICATIONS AND APPROVALS CHART
PASSENGER CARS, LIGHT COMMERCIAL & HEAVY DUTY VEHICLES

	Color	Technology	A							B			C						D					F				G			H	I			J				L	M					
			Afnor NF R15-601	Aggreko	AS 2108-2004	ASTM D-3306	ASTM D-4985	ASTM D-6210	Audi, Seat, Skoda	Bez. Reg. Amsberg, Dept. of Mining and Energy 84.12.22.63-2001-2	BMW N600.69.0	BMW/MINI: BMW GS 94000	BS 6580	Caterpillar EC-1	China GB 29743-2013	Chrysler	Chrysler MS-12106	Cummins 14603	Cuna NC956-16	Daewoo 6277M	DAF/Leyland	Detroit Diesel 7SE 298	Deutz DQC CA-14	Deutz DQC CC-14	Deutz MWM	Federal Specification A-A-870A	Ford	Ford WSS-M97B44-D	Freightliner	German Army TL 6850-0038/1	GM 1825M	GM 1899M	GM 6277M	Honda type 2	Irizar (from 2016)	Isuzu	Iveco	IVECO 18-1830	Jaguar/Land Rover: STJLR.651.5003	Jenbacher TA-Nr. 1000-0201	JIS K 2234:2006	John Deere	Liebherr Minimum LH-01-COL3A	Link Belt	MACK	MAN	MAN 324 type NF	MAN 324 Type Si-OAT	MAN B&W	MAN Diesel & Turbo Liste 3.3.7
Valvoline Type G11 Concentrate	blue-green	HOAT	M			M					M		M						M																											
Valvoline Multi-Vehicle Coolant	light yellow	Si-OAT	M			M			M		M		M						M							M						M		M			M								
Valvoline Multi-Vehicle Red Coolant	red	Si-OAT	M			M			M		M		M						M							M						M		M			M								
Valvoline ZEREX DEX-COOL	orange	OAT															M			A					M		M				A														
Valvoline HD Extended Life	red	Si-OAT	M				M	M					M	M				M	M		M	M			M			M								M						M	M	M	
Valvoline HD Nitrite Free	yellow	OAT		M		M		M						M		M		M				M				M	M		M		M	M	M			M			M		M	M	M		
Valvoline ZEREX G40	pink	Si-OAT			M	M	M						M		M			A	M					A									A				M		A			A		
Valvoline ZEREX G48	blue-green	HOAT	M		M	M	M			A		A	M		M				M				A						A							A	M	A		A			A		A

	Color	Technology	M									N	O			P				R		S						T								V							Z	
			MB-325.0	MB-325.2	MB-325.3	MB-325.5	MB-325.6	MB-326.0	MB-326.2	Mercedes	MTU	MTU MTL 5048	Navistar CEMS B-1 Type III-A	Nissan	O-Norm V5123	Opel 6277M (B 040 1065)	Opel/Vauxhall B 040 0240	Paccar	Peterbilt	Porsche (924, 928, 944, 968)	Porsche (from 2010)	Porsche (until 1995)	PSA/Peugeot/Citroen B71 5110	Renault Glaceol AL type C	Renault Glaceol RX type D	Saab 6277M	Saab 690 1599	SAE J1034	SAE J1941	SAE J814	SANS 1251:2005	Scania	Terex	Tesla (from 2013)	Thermo King	TMC of ATA RP-302B	TMC of ATA RP-329B	TMC of ATA RP-338	Toyota TSK 26010G-8A	Van Hool	Volvo	Volvo Truck (until 2005)	Volvo VCS	VW G11, G12, G12+, G12++ and G13 applications	VW TL 774-C	VW TL 774-D, F, J	VW TL 774-G	Zastava	
Valvoline Type G11 Concentrate	blue-green	HOAT	M					M	M							M				M				M			M	M													M				
Valvoline Multi-Vehicle Coolant	light yellow	Si-OAT	M	M	M	M	M						M		M	M	M						M	M	M		M	M	M	M										M		M	M	M	M	
Valvoline Multi-Vehicle Red Coolant	red	Si-OAT	M	M	M	M	M						M		M	M	M						M	M	M		M	M	M	M										M		M	M	M	M	
Valvoline ZEREX DEX-COOL	orange	OAT																								A		M	M	M				M											
Valvoline HD Extended Life	red	Si-OAT	M	M	M	M	M					M			M									M					M	M		M								M						
Valvoline HD Nitrite Free	yellow	OAT								M	M		M					M	M									M		M		M	M		M	M				M						
Valvoline ZEREX G40	pink	Si-OAT				A	A	A				A			M						A								M														A		
Valvoline ZEREX G48	blue-green	HOAT	A									A			M		A					A							M									A		A				A		

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A= OFFICIAL OEM APPROVAL M= MEETING OR EXCEEDING PERFORMANCE LEVELS