TECHNICAL DATA SHEET
V032026

Coolant
XCL EVO 7 -37°C



DESCRIPTION

The latest generation of ready-to-use PSiOAT coolant, based on monoethylene glycol and permanent passivation additives. It provides optimum protection against freezing, overheating and corrosion. At the request of certain manufacturers, this liquid has been formulated using the most advanced **organic technologies**, combined with the best **phosphate and silicate** mineral inhibitors. Does not contain borate, amine, nitrite **nor 2-ethylhexanoic acid**. **XCL EVO 7** is backwards compatible with other MEG-based coolants.

APPLICATION

Recommended for high-tech engines (passenger cars, duty vehicles and trucks), where aluminum protection at high temperatures is important. It is particularly suitable for Euro 6 engines (including vehicles produced after December 2014). Suitable for certain battery-electric vehicle applications (indirect heat exchange).

PROPERTIES

- Long-lasting action.
- 2-EHA free.
- CAB compatible (Controlled Atmosphere Brazing).
- Excellent thermal oxidation stability.
- Homogeneous, uniform protective coating.
- High-performance mineral stabilizers prevent loss and frost formation.
- Environmentally friendly. No borates, nitrites, amines or phosphates.
- Excellent protection (passivation) of aluminum.

SPECIFICATIONS

This product offers the following performance level:

BMW LC 87 LC 97 LC 18, Alfa Romeo, Fiat, Lancia 9.55523, Chrysler MS 7170, Opel / Vauxhall GME L1301, VW TL 774-L (G12evo), MAN 324NF, MAN 324 Si-OAT, MWM 0199-99-2091/12, Iveco standard 18-1830, Cummins 85T8-2, DTFR 29C120, MB 325.5, Deutz DQC CA-14, Ford ESD-M97B49-A, Volvo Cars 128 6083 / 002 & TR-31854114-002, JI Case JIC-501, MTU / Roll Royce MTL 5048, Toyota 1WW/2WW Engines, ASTM D3306, JIS K2234 :2018, FVV R 530 :2005, BS 6580 :2010, Ö-Norm1(except for RA), GB 29743.1 (PC) 2014, 2022, AFNOR NF-R-15-601

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TECHNICAL DATA

	XCL EVO 7 Concentrated (PSiOAT)	ASTM 3306 requirements	Method
MEG	93% w/w	Base	
Other glycols	0.5% max	5% w/w max	
Water content	0,5% max	5% w/w max	ASTM D1123
Colour	Green		
Density, 20°C	1.132		ASTM D 5931
Boiling point	Typ>170	>163°C	ASTM D1120
Alkalinity reserve (pH 5.5)	11.0	report	ASTM D1121
pH at 20°C	7.9	7.5 à 11	ASTM D1287
Refractive index, 20°C	1432		ASTM D1218
Freezing point 40%v/v	-24,9		ASTM D1177
Freezing point 50%v/v	-38°C	<-35°C	ASTM D1177

The information contained in this sheet is provided for reference only. Because of continual product development, changes may occur without prior notice. No liability for damages caused by incompleteness or incorrectness will be accepted.

RECOMMENDATIONS

Handling: any safety information related to the handling and use of this product are gathered in the Safety Data Sheet. Always check the manufacturer car manual before use.

Storage: it is recommended to use the product within 120 months. It should be stored in its original packaging, closed, and protected from light, humidity and excessive temperature.

REFERENCES & AVAILABILITIES

35601	12x1L
35603	3x5L
35605	20L
35607	200L

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