TECHNICAL DATA SHEET
V112025

Coolant
XCL EVO 8 -37°C



DESCRIPTION

This latest generation ready-to-use coolant, P-OAT, is formulated with 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 mineral inhibitors. It does not contain silicate, borate, amine, nitrite **nor 2-ethylhexanoic acid**. **XCL EVO 8** is backwards compatible with other coolants based on MEG and organic passivation technology.

APPLICATION

Recommended for high-tech engines (hybrid electric vehicles, 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). Its passivation additive package protects battery cooling plates, heat sinks and the combustion engine in hybrid vehicles.

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 or amines.
- Excellent protection (passivation) of aluminum.
- Optimum heat transfer.

SADAPS BARDAHL ADDITIVES & LUBRICANTS
Rue du Mont des Carliers, 3 ZI TOURNAI Ouest, 2
T: (+32) (0) 69 59 03 60
www.bardahl.fr
www.bardahloils.com

SPECIFICATIONS

This product offers the following performance level:

Mercedes-Benz	325.7
Renault/Alpine	41-01-001 –V
Renault/Dacia/Nissan	RNES-B-00014 v2.1
Renault/Samsung/Infiniti/ Datsun	RNES-B-00014 v3.0
Ford	WSS-M97B57-A1
Fiat/Abarth / Alfa Romeo / Lancia	9.55523
DS Automobiles/Peugeot / Citroën	PSA B 71 1111
Chrysler / Dodge / RAM / Jeep / Opel / Maserati / Vauxhall	MS.50203
Caterpillar Motoren	GCM34
Hyundai, Kia	LLC-10 / LLC-2 / LLC-5 / MS591-08
HONDA HES	
Mazda MES	MN121J
Mitsubishi	ES-X64201
Maruti Suzuki	17011-50F20-F
Toyota/ Daihatsu	A95-10
Toyota / Hino/ Lexus	TSK2601G
Fuso /Bobcat/ Daewoo / Ssangyong / Subaru	

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TECHNICAL DATA

	XCL EVO 8 Concentrated (PSiOAT)	ASTM 3306 requirements	Method
MEG	92% w/w	Base	
Other glycols	1% max	5% w/w max	
Water content	3,7% max	5% w/w max	ASTM D1123
Colour	Orange		
Density, 20°C	1.119		ASTM D 5931
Boiling point	Typ 178	>163°C	ASTM D1120
Alkalinity reserve (pH 5.5)	8.9	report	ASTM D1121
pH at 20°C	8.3	7.5 à 11	ASTM D1287
Refractive index, 20°C	1437		ASTM D1218
Freezing point 40%v/v	-24,9		ASTM D1177
Freezing point 50%v/v	-38°C	<-36,4°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 the 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

35611	12x1L
35613	3x5L
35615	20L
35617	200L

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