TECHNICAL DATA SHEET
V032026

Coolant
XCL UNIVERSAL -25°C



DESCRIPTION

Latest generation and organic OAT (Organic Acid Technology) ready-for-use coolant, based on monoethylene glycol and passivation additives. It provides long-lasting protection of aluminum at high temperatures against heating, cavitation and corrosion. XCL UINVERSAL -25°C prevents cloudiness, deposits or precipitates. Silicate-free, nitrite-free.

APPLICATION

Ready-for-use coolant.

Recommended for the latest generation engines. Do not mix with conventional mineral-based technology formulas. This formulation is suitable for a large number of cooling circuits for light vehicles, trucks, commercial vehicles, ATVs, SSVs, motorcycles, etc. XCL Universal Antifreeze can meet most OEM specifications that require OAT technology. For optimal performance, it is recommended to completely drain the circuit before filling.

SPECIFICATIONS

This product offers the following performance level:

NFR 15-601, ASTM D3306/ D4656, BRITISH STANDARD BS 6580, JAPAN Standard JIS K2234, MIL BT-PS-606 A/ DCSEA615-C/ E-L-1415b/ FSD 8704, NATO S759, SAE J1034, ADE, Aston Martin, Behr, MB 325.3, GM 6277M/ GMW3420/ Saturn, VW-AUDI-SEAT- TL-774 D = G12/ TL-774 F = G12+, FORD WSS-M97B44-D, JAGUAR CMR 8229/ WSS-M97B44-D, RENAULT 41-01-001/- - S Type D, MITSUBISHI MHI, SUZUKI Santana, SKODA 61-0-0257/ TL-774 D = G12/TL-774 F = G12+, MG Motors Rover, CLAAS, DAF Paccar 74002, DEUTZ 0199-99-1115/ 0199-99-2091, VOLVO 128 6083 / 002, MACK 014 GS 17009, MAN 324 Typ SNF/ D36 5600, LIEBHERR MD1-36-130, MTU MTL 5048, CUMMINS IS series u N14, CAT MAK A4.05.09.01, ISUZU, JENBACHER TA 1000-02, IRISBUS Karosa, DETROIT DIESEL Power cool Plus, HITACHI, KUBOTA, YANMAR, KOMATSU 07.892 (2009), JOHN DEERE JDM H5, TATA MOTORS CMR 8229, MAZDA MEZ MN 121 D/ TI 13-82

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PROPERTIES

- Long-lasting action.
- Homogeneous protective film.
- Eco-friendly. Free from borate, nitrite, amines, and phosphates.
- Very high aluminum protection.

TECHNICAL DATA

	Antifreeze	ASTM 3306	Method
Ash content	1.1 %w/w typ	5% w/w max	ASTM D1119
Water content	5% max	5% w/w max	ASTM D1123
Colour	Yellow		
Density, 20°C	1.113		ASTM D 5931
Boiling point	Typ>180	>163°C	ASTM D1120
Alkalinity reserve (pH 5.5)	6.2	report	ASTM D1121
pH at 20°C	8.6	7.5 à 11	ASTM D1287
Refractive index, 20°C	1430		ASTM D1218
Freezing point 40%v/v	-30°C (-27°C)		ASTM D1177
Freezing point 50%v/v	-40°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 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

7311	12x1L
7313	3x5L
7315	20L
7318	200L
7319	1000L

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