

Product Information

A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.



Valvoline® HD Extended Life RTU

2000/09

Valvoline HD Extended Life RTU is an engine coolant for trucks, buses, roadbuilding machines and industrial equipment, and fulfils the requirements of the most leading heavy duty engine manufacturers. The product is free of nitrites, amines, and phosphates, which makes it more friendly to the environment. Valvoline HD Extended Life RTU protects cooling-systems against frost, corrosion and overheating for at least 3 years, 7000 hours or 500.000 km. Suitable for open and closed cooling systems and aluminium engine blocks. The product is mixable with other coolants on basis of ethyleneglycol, but that may shorten the long-life characteristics. The product is prediluted and ready to use up to a freezing temperature of -37°C. **Do not add water.**

HD Extended Life RTU is a fully formulated product. It is not necessary to add any SCA or DCA supplements.

(SCA: Supplement Coolant Additive, DCA: Diesel Coolant Additive.)

The Valvoline HD Extended Life RTU advantages

Suitable for modern and older heavy duty vehicles and equipment.

Suitable for aluminium and cast iron engines.

One product suitable for all cooling systems so less storage and no mistakes.

Approvals/performance levels

ASTM D-6210	DAF	MAN B&W	Thermo King
ASTM D-4985	Detroit Diesel 7SE298	MTU	
ASTM D-3306 (D-4656)	Deutz MWM	O-Norm V5123	TEREX
Afnor 15-601, 1991	Federal Spec. A.A.870A	Renault RVI	
BS 6580, 1992	Leyland	Scania	
Caterpillar EC-1	Link Belt	Volvo	
Cummins 14603, 3666286	MAN 324 type NF	SAE J 814, J 814C, J 1034, J 1941	
Cuna NC956-16	MB 325.0, 2,3	TMC of ATA	RP-329B

Typical Properties

Freezing Protection in °C.	-37
Specific Gravity ; g/cm ³ @ 20°C.	1.076
Boiling Point °C.	128 *
Flash Point °C. PMCC	121
pH. 50% V/V (ASTM D-1119)	10.5
Hard water stability	stable
Colour	red

Waterpump cavitation test
ASTM D-2809 at 100 h.

Contains mono ethylene glycol

* Boiling point shown using conventional 15 psi radiator cap.

This information only applies to products manufactured in the following location(s): Europe

Effective Date:	Replaces:	Author's Initials:	remarks
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