

VALVOLINE™ LONG LIFE COOLANT RTU

Valvoline Long Life Coolant RTU is a carboxylate formulation with a service life of up to 5 years or up-to 250,000 Kms. / 3000 Hrs. It incorporates state-of-the-art organic acid technology in an ethylene glycol base for protection of all cooling system metals including aluminum.

Valvoline Long Life Coolant RTU is a balanced formulation developed specially for tropical condition that has both warm as well as cold climate. Valvoline Long Life Coolant RTU contains no phosphates, silicates, borates, nitrates, amines and nitrites. Its universal formulation meets the phosphate-free requirements of European manufacturers and the silicate free requirement of Asian manufacturers. Valvoline Long Life Coolant RTU protects modern engine components from boiling and provides excellent freeze protection. It contains a high quality defoamer and will not harm gaskets, hoses, plastics, or original vehicle paint.

LONG LIFE COOLANT RTU ADVANTAGES

- Recommended for use in radiators of all On-Highway (commercial vehicles, tractors, passenger cars, MUVs and SUVs) and Off-Highway applications (Construction, Mining and Powergen).
- Protection of cooling system metals, including aluminum against corrosion
- Prevents hot whether boil-overs and cold weather freeze-ups
- Does not harm non-metallic components like gaskets, hoses etc.
- Drain and flush cooling system with water, Check system for leakages, if any, Top up periodically with the coolant up to maximum mark on the expansion bottle.

PERFORMANCE LEVEL
GM 6277M
Ford WSS-M97B44-D
JIS K-2234 Class2
ASTM D3306
SAE J1034, J814, J1941
TMC of ATA RP-302B

Typical properties:

Typical Properties characteristics are based on current production. Whilst future will confirm to Valvoline specification, variations in these characteristics may occur.

Typical Characteristics	
Color	Red/Pink
Specific Gravity @ 16°C	1.112
pH	8.6
Boiling Point, °C	128
Freeze Point, °C	-36

Note: Boiling Point shown using conventional 15 psi radiator cap

Aluminum Water Pump Tests		
ASTM D2809 Pump Cavitation (Extended Test)		
Test Period	Results	Specification
100 hours	9	8

ASTM cavitation corrosion rating: 10 - perfect 1 - perforated

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Typical ASTM Corrosion Test Results			
	Weight Loss, Mg/Specimen		
Test	**Maximum Limit**	**Actual**	**ASTM Method**
Glassware Corrosion			D1384
Copper	10	2	
Solder	30	6	
Brass	10	3	
Steel	10	0	
Cast Iron	10	0	
Aluminum	30	0	
Simulated Service			D2570
Copper	20	2	
Solder	60	5	
Brass	20	1	
Steel	20	1	
Cast Iron	20	0	
Aluminum	60	0	
Hot Surface Corrosion	$mg/cm^2/wk$		D4340
Specimen weight loss	1	0.1	

This product is not likely to present any significant health or safety hazards when properly used in recommended application and good standards of personal hygiene are maintained. Reference is made to Safety Data Sheet (SDS) which is available on request via your local technical or sales representative.

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

Product Code:	**Effective Date**	**Author**
Pink: 450020	**May 2022**	**NW**
Green: 450024		

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