



Universal Multi-vehicle Extended Life Light Duty Antifreeze/Coolant 50/50 Premix

YELLOW

Industry Standards

This extended-life antifreeze/coolant concentrate meets the following industry specifications:

- ASTM D3306 (automotive/light-duty)
- ASTM D4985 (heavy-duty diesel/low silicate)
- TMC of ATA RP 302A-1

The Maintenance Council of the American Trucking Assoc. Antifreeze also meets the non-phosphate requirements of European OEM's and non-silicate requirements of Japanese OEM's

OEM Specifications

- GM 6277M
- Ford WSS M97B44-D, D-2
- Chrysler MS 9769
- Chrysler MS 7170
- Toyota
- VW G11 & G12

*Standards listed are per March 2013

Extended Life antifreeze/coolant concentrate contains an organic acid technology inhibitor system that is compatible with all light duty cars and trucks. It provides a 5-year or 150,000 mile service life. The extended life antifreeze/coolant contains no phosphates, silicates, nitrates or amines. The product is compatible with both organic acid long life coolants and conventional inorganic salt coolants so it will mix with any color antifreeze without adverse effects.

In addition, Extended Life antifreeze/coolant contains inhibitors that provide protection for all cooling system metals. Combined with the glycol base, these inhibitors give year-round protection against freeze-ups, boil-overs and engine cooling system corrosion. The product also includes ingredients to disperse minor oil leakage, prevent fouling, control hot surface scaling, and it will not damage auto finishes or rubber parts.

PHYSICAL PROPERTIES		
Antifreeze Glycols	mass %	95.0 min.
Water & Corrosion Inhibitors	mass %	2.2 min.
Water	mass %	2.8 max.
Flash Point	°F	250°F
Weight per gallon	lbs. @ 70°F	9.25-9.40
Silicates	mass %	< 250 ppm

% Antifreeze	Freezing Point		Boiling Point	
	°F	°C	°F	°C
50%	-34 max	-36 max	266 min	130 min
<i>*Boiling point shown using conventional 15 psi radiator cap.</i>				

Contact Information

SUMMIT LUBRICANTS
1320 1st Street
Rock Island, IL 61201



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Extended Life Light Duty
Antifreeze/Coolant
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Characteristic	Typical Physical Characteristics	ASTM Method
Chloride	25 ppm, max.	D3634
Specific gravity, 60/60°F	1.110-1.120	D1122
Boiling Point, 50% V/V	226°F/107°C min.	D1120
Freezing Point, 50% V/V	-34°F/-36°C min.	D1177
Effect on engine or vehicle finish	No effect	--
Ash content, mass %	2.5 max.	D1119
pH, 50% V/V	9.5-10.5	D1287
Reserve alkalinity*	6 min.	D1121
Water mass %	2.8 max.	D1123
Color	Yellow	--
Effect on nonmetals	No adverse effect	--
Storage stability	> 1 year	--
Foaming	150 mi vol., max. 5 sec. break, max.	D1881
	25 ppm, max.,	
<p><i>*Reserve alkalinity (RA) is a term used to indicate the amount of alkaline inhibitors present in an antifreeze formulation. It is incorrect to relate a high RA with high-quality antifreeze. Many antifreeze formulations contain new inhibitors which give added protection to certain metals but do not raise the RA numbers.</i></p>		

NOTE: Used antifreeze coolant in most states is not hazardous unless it contains more than 5 ppm of lead. We recommend that spent coolant never be disposed of by dumping into a storm sewer or onto the ground. Instead, contact your local municipality for instructions on where to and how to properly dispose of this coolant and protect our environment.