



ECO ULTRA® EXTENDED LIFE COOLANT (ELC) PREDILUTED 50/50 ANTIFREEZE

ECO ULTRA® Extended Life Coolant (ELC) Prediluted 50/50 Antifreeze/Engine Coolant is ready to add to your vehicle cooling system for automotive and light duty vehicles as well as those of the heavy duty diesel engine. No further dilution is necessary. It contains a non-silicate, phosphate free inhibitor package that provides excellent all metal protection. A proprietary silicate-free corrosion inhibition system protects aluminum better than silicate without the problems of silica gel formation or silicate cloudiness. In heavy duty applications and automobiles, light trucks, SUV's, vans, and other light duty applications as well, this product can provide a service interval of 300,000 miles or more, provided recommended maintenance practices are followed.

This prediluted ELC Antifreeze/Engine Coolant is formulated with a very robust Nitrite and Molybdate chemistry specifically designed for heavy duty applications. The advanced NMOAT coolant provides maximum protection against rust and corrosion. The additive chemistry contains no Phosphates, Silicates, Nitrates or Amines. Ask your OEM or Universal Lubricants® Sales Representative for an appropriate extender or suitable test strips for increasing the life of your ELC.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>ELC LIMITS</u>
pH - 50% V/V	D-1287	8.2-8.8
Reserve Alkalinity, ml	D-1121	1.5 Min.
Specific Gravity (60/60°F)	D-1122	1.057-1.087
Freeze Point (% by volume) 50% Aqueous Solution	D-1177	-34°F Max.
Foaming - Foam Volume, ml	D-1881	150 Max.
Break Time, sec.	D-1881	5 Max.
Color		Orange-Red
Molybdate (Na ₂ MoO ₄)		300 PPM Min
Nitrites (NaNO ₂)		300 PPM Min

The inhibitor chemistry conforms to ASTM D3306, D4985, D6210, and TMC RP 329

ECO ULTRA ELC 50/50 Antifreeze can be safely used in the following:

AS/NZS 2108.1: 1997 "Type A"
Caterpillar ELC EC-1 (Sections 2.3-4.5 incl.)
Cummins Bulletin 3666132, 14603
DAF MAT 74002
Detroit Diesel 7SE298, 93K217
Freightliner 48-22880
GM 1825M, 1899M, Heavy Truck
Kenworth R026-170-97
International Truck & Engine
CEMS B-1
JIS K2234
John Deere JDM H24
Land Rover
Mack Truck 014GS17004
MAN 324
Mercedes Benz DBL 7700
MTU MTL 5048
PACCAR CS0185
Peterbilt 8502.002
SAE J1034
Scania TB1451
TMC RP329
Volvo

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