



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 PetroChoice® 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 D-3306, D-4985, D-6210 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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