



Peregrine

Additives & Lubes

PAL UNICOOL ELC

Last Revision: 29/07/19

Extended Life Coolant/Antifreeze

Description

PAL UNICOOL ELC is a new generation, glycol-based coolant/antifreeze with extended life capability. Manufactured with OAT (Organic Acid Technology), it is amine-, phosphate-, silicate-, borax- and nitrile-free, providing global acceptance in the cooling systems of all types of liquid-cooled automotive and industrial internal combustion engines. It offers excellent heat transfer properties and superior parts protection at high temperatures. PAL UNICOOL ELC contains high-performance anti-rust additives and corrosion inhibitors. These provide maximum protection to all common metal parts, including solder, steel, copper, brass, cast iron and aluminum or mixed aluminum. It is compatible with all conventional antifreeze coolant and will not harm hoses, plastics or original vehicle finishes. PAL UNICOOL ELC is premixed 50% with water and ready to use, and dyed orange color for easy identification against other types of coolant.

Performance Standards

- ASTM D3306
- General Services Administration A-A-52624
- GM 6277M
- Ford WSS-M97B44-D
- MS 7170 and MS 9796
- KS M 2142
- SAE J 1034

Features

- Long service life of 5 years or 240,000 km in a well-maintained engine cooling circuit
- Optimum year-round protection against winter freezing and summer boil over
- Contains a high quality defoamer that will minimize foaming tendencies during service
- Compatible with all conventional coolants
- Compatible with aluminum or copper/brass and mixed aluminum, copper/brass cooling circuits
- Outstanding hot surface aluminum protection
- No silicate dropouts or gel formation during storage or use

**6318 Union Ave.
Shreveport LA, 71106
318-222-8787**



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Applications

- Premium OAT-type ethylene glycol-base coolant/antifreeze suitable for all general aftermarket servicing of automobiles (diesel or gasoline), and for industrial internal combustion engines.

Typical Properties

Density@15°C, kg/L	1.07
Appearance	Orange
Odour	Not offensive
Miscibility with water	Infinite
Freezing Point, °C	-38
pH value	8.33 (33% dilution)#
Boiling Point, °C	160
Foaming Break time, ml/sec	85/3.0 (33% dilution)#
Effect on automotive finish	No effect
Storage stability, years	3

Note (#): 33% dilution of concentrated coolant

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