

## LONG LIFE COOLANT

This is a premium quality, organic, long life anti boil/anti-freeze coolant concentrate, based on carboxylate technology and contains no silicates, borates, phosphates, nitrites, nitrates or amines. It is suitable for both automotive and heavyduty diesel engines.

It contains 90% monoethylene glycol and a double inhibitor package ensuring ultimate corrosion protection and extended service life. Anti-boil and anti-freeze protection is equally afforded with a substantially higher rust and corrosion protection than competitor products. This is the ultimate in up to date coolant technology.

Protects all metals found in cooling systems and gives excellent protection against cavitation erosion and wet-sleeve liner pitting. It significantly increases the operating life of water pumps and exceeds corrosion performance levels required to meet Australian Standard AS2108.1-2004 and numerous performance specifications of OEM's including Ford & GMH.

Provides maximum protection against 'hot spot' corrosion, common in aluminium cylinder heads. With a service life of up to 5 years / 200,000kms in passenger and light commercial vehicles and up to 6 years / 1,000,000kms / 12,000hrs in heavy duty diesels, this has obvious environmental advantages as a result of fewer coolant changes. There are no deleterious effects on hoses or gaskets.

#### **Product Benefits:**

- Reduces corrosion
- Prevents foaming
- Prevents scale deposits
- · Increases efficiency of cooling systems
- Provides maximum anti-freeze/anti-boil protection
- Provides optimum reliability and operating life of water pump (silicate free product)
- Maximises protection of all metals commonly found in the engine cooling system
- Excellent cavitation and liner pitting protection
- Formulated, tested and manufactured in Australia for Australian conditions

### ALWAYS FOLLOW THE ENGINE OR VEHICLE MANUFACTURERS RECOMMENDATIONS.

#### **TYPICAL PROPERTIES**

| Density @ 20°C         | 1.10-1.12       |
|------------------------|-----------------|
| Boiling Point          | >160°C          |
| Flash Point            | >120°C          |
| pH Value               | 7.0-9.0         |
| Appearance             | Green or Red    |
| Miscibility With Water | Freely Miscible |
| Hard Water Stability   | Stable          |

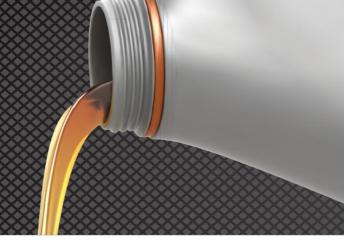








# PRODUCT DATA SHEET



#### **COMPLIES/EXCEEDS INTERNATIONAL STANDARDS:**

ASTM D3306 (AND D4656)

ASTM D4985 (AND D5345)

**ASTM D6210** 

BS 6580 (British Standard)

UNE 26-361-88/1

FVV HEFT R443 (Germany)

**NATO S-757** 

BT-PS-606A (MIL-Belgium)

E/L-1415B (MIL-Italy)

**SAE J1034** 

JIS K2234 (Japan) LLC

JASO M325 (Japan) LLC

BR 637

DCEA 615 (MIL-France)

FSD 8704 (MIL-Sweden)

AS/NZS 2108.1:2004 (Australian Standard) Type A

#### RECOMMENDED FOR THE FOLLOWING ENGINES:

Ford WSS-M97B44-C

Volkswagen VW TL774D

Audi/Seat/Skoda

BMW N600 69.0

Man 324 (Diesel)

Volvo

Scania Tech Info TI 02-98

MB Approval 325.3

Mack

Renault

Caterpillar EC-1

Cummins 90 T8-4

Detroit Diesel/Perkins

Komatsu

General Motors: 6277M, 1899M

Isuzu

Daihatsu

SAAB

DAF-Leyland 74001

Mazda MES 121C

Toyota TS K2601 G

Navistar

Mitsubishi ES-X64216

January 2024

Honda

Subaru

advice and information contained herein. Buyers should always determine the suitability of products for their particular purpose. The information provided is a guide to industry and is not necessarily manufacturing specification which varies from time to time.





