# TECHNICAL DATA SHEET

# LONG LIFE ORGANIC CONCENTRATED



## **DESCRIPTION**

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. Suitable for both automotive and heavy duty diesel engines. 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. Long Life Organic Concentrated Coolant is the ultimate in up to date coolant technology. Protects all metals found in cooling systems and gives excellent protection against cavitation's erosion and wet-sleeve liner pitting. Provides maximum protection against 'hot spot' corrosion, common in aluminium cylinder heads. Service life of up to 5 years / 500,000kms\* in automotive applications and up to 6 years / 600,000kms / 6,000 hours\* in heavy duty diesels (\* at 50/50 dilution ratio).

LONG LIFE ORGANIC CONCENTRATED COOLANT	RESULTS
APPEARANCE	Mobile Liquid - Red
pH (50/50 vol/vol)	7.7 - 8.6
GLYCOL BY WEIGHT (gm/L)	1.0035
DENSITY	1.1103 kg/L (Concentrate)
FREEZING POINT	-36.2ºC (50% by Vol.)
BOILING POINT	108.2ºC (50% by Vol.)
RESERVE ALKALINITY (ML)	4.6

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

#### **SPECIFICATIONS**

- AS 2108.1: 2004 TYPE A
- AFNOR NFR 15-601
- ASTM D3306, D4656, D4985
- BS 6580
- GM 6277 M
- GM 1825 M & GM 1899 M
- MAN 324 TYPE SNF
- FORD ESE FM 97B18-C

- FORD ESE M 978B4H-A
- FORD ESE M 99B166-C
- TOYOTA K2601G-1GISUZU
- IVECO
- HYUNDAI
- VOLKSWAGEN
- WAUKESHA 4-1974D
- MAZDA MES MN 1210
  - JAPANESE JIS K 2234
  - SAE J 1034 AND JASO M 324
  - VOLVO (SPEC. NO 1286083)
  - BMW N 600 69.0
  - MERCEDES BENZ MB-Approval 325.3
  - NISSAN NES 5059 LLC
  - SAAB SCANIA® 6901
  - LIEBHERR MD 1-36-130

- CUMMINS 3666132
- SAAB FSD 8074
- CATERPILLAR 1 EO 535
- DAF 742002/BTPS 606A/DCEA 615
- KIA
- SUBARU
- MITSUBISHI
- BRITISH LEYLAND
- KOMATSU KES 07.892 JENBACHER

 $Meets\ the\ phosphate-free\ requirements\ of\ European\ manufacturers.\ Meets\ the\ silicate-free\ requirements\ of\ Japanese\ manufacturers.$ 

## STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

# **AVAILABLE PACK SIZES**

205LT - #40056 20LT - #42056

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