



# MARINA XHP 1240

## High Speed Marine Diesel Engine Oil

### Specification and Approvals

Meets requirements of:

API CG-4; ACEA: E3

MTU Type II engine oil category.

Suitable for ABC, Baudouin, Caterpillar 3600, Deutz, MAN, Mitsubishi, MTU and Wartsila engines.

### Description

MOGAS Marina XHP 1240 is a high performance SAE 40 mono-grade diesel engine oil formulated from high quality base oils and additives package to ensure maximum protection and output of high speed diesel engines. The TBN of 12 ensures a high level of detergency needed to cope with the severe pressures and temperatures found in modern trunk-piston marine engines.

### Features and Benefits

- ◆ Ensures a high level of engine and piston cleanliness in all operating conditions.
- ◆ The high Total Base Number (TBN) and superior alkalinity retention enable prolonged oil drain intervals.
- ◆ Very good wear control leading to excellent protection against bore polishing extends engine life.
- ◆ Very high resistance to oxidation and good thermal stability.
- ◆ Offers very good corrosion control even with higher sulphur fuel levels.

### Applications

Recommended for both naturally aspirated and turbo-charged diesel powered engines used at sea for fishing and transport, operating under severe conditions.

### Typical Properties

| Test Parameters   |                    | Test Method | XHP1240  |
|-------------------|--------------------|-------------|----------|
| Grade             | SAE                |             | 40       |
| Viscosity @ 40°C  | mm <sup>2</sup> /s | ASTM D 445  | 132.5    |
| Viscosity @ 100°C | mm <sup>2</sup> /s | ASTM D 445  | 14.2     |
| Viscosity Index   |                    | ASTM D 2270 | 105      |
| CCS @ -20 °C      | mPas               | ASTM D 5293 | 5115     |
| TBN               | mgKOH/g            | ASTM D 2896 | 12       |
| Pour Point        | °C                 | ASTM D 97   | -33      |
| Flash point (COC) | °C                 | ASTM D 92   | 220 Min. |
| Density @ 15°C    | kg/l               | ASTM D 4052 | 0.897    |

The typical characteristics mentioned represent mean values

### Health and Safety

This product used as per our recommendation for the intended application is not expected to produce any particular risk. A safety data sheet of it is available upon request from our sales contact office or on our website. In case of used oil disposal, please respect the Regulations to protect the environment.