



MHP Range

Diesel engine lubricants

Description

Castrol MHP 153 and 154 are high performance lubricants specifically developed for use in modern highly rated marine and power generation four-stroke engines operating on distillate fuels.

Application

MHP 153 and 154 are suitable for use in medium to highly-rated marine trunk piston engines operating with ISO 8217 type DMA/DMZ/DMB/RMA10 fuels and requiring API CF performance.

MHP 153 and 154 have high load carrying capabilities and superior gear performance that enable them to be used as a common oil for both engine and transmission systems.

Advantages

Compared to an API CD oil, MHP 153 and 154 can provide the following advantages:

Long lasting protection in the toughest operating conditions

- Enhanced performance at high temperatures
- Potential to extend the time between overhauls so reducing costs

Formulated for excellent engine cleanliness

- Cleaner piston ring zone
- Enhanced detergency, excellent thermal and oxidative stability

Offers the potential to simplify and reduce overall lubricant usage

- High load carrying capabilities and high gear performance that enables them to be used as a common oil for both engine and transmission systems.
- Reduced maintenance and wear

Product Performance Claims

MHP153 and 154 meet the specifications of API CF and are fully approved by major marine engine makers worldwide.

Typical Characteristics

| Name | Method | Units | MHP 153 | MHP 154 |
|-----------------------------|------------|--------------------|---------|---------|
| SAE Number | | | 30 | 40 |
| Kinematic Viscosity @ 100°C | ASTM D445 | mm ² /s | 11.5 | 13.5 |
| Total Base Number, TBN | ASTM D2896 | mg KOH/g | 15 | 15 |
| Density @ 15°C, Relative | ASTM D4052 | g/ml | 0.890 | 0.895 |
| Flash Point (PMC) | ASTM D93 | °C | >200 | >200 |
| Pour Point | ASTM D97 | °C | -12 | -12 |
| FZG Gear Test, A8, 3/90 | DIN 51 354 | FLS | 12 | 12 |

The above figures are typical of those obtained with normal production tolerance and do constitute a specification.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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