



MARKETING SPECIFICATION

MARINE DIESEL OIL - ISO 8217:2005 CLASS DMB

| PROPERTY | UNITS | QUALITY | | TEST METHOD |
|--------------------------|-------------------|----------------|---------------|-------------|
| | | Typical value | Specification | |
| Density at 15°C | kg/m ³ | 898 | 900 max. | ISO 3675 |
| Viscosity at 40°C | cSt | 8.0 | 11.0 max. | ISO 3104 |
| Flash point (PMCC) | °C | 75 | 60 min. | ISO 2719 |
| Pour point | °C | -10 | 0 max. | ISO 3016 |
| Sulphur | %m/m | 1.1 | 1.5 max. | ISO 8754 |
| Cetane number | | 38 | 35 min. | ISO5165 |
| Carbon residue | % m/m | <0.1 | 0.30 max. | ISO 10370 |
| Ash | % m/m | <0.001 | 0.01 max. | ISO 10307-2 |
| Total sediment, existent | % m/m | <0.01 | 0.10 max. | ISO 3735 |
| Water | % v/v | <0.05 | 0.30 max. | ISO 3733 |
| Appearance | | clear & bright | | visual |

Revised May 2007