



IPT International Petroleum Trading LTD  
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25335 Elmshorn  
Company registration number: HRB 13315 PI  
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product certificate

TIPP-OIL Marine MCL 8050 0002-000153

Description of the

TIPP-OIL Marine MCL 8050 is a high quality oil with a TBN of 80 and the SAE viscosity class 50 for slow-speed, long-stroke crosshead engines.

Manufactured from high quality base oils and state-of-the-art additives, TIPP-OIL Marine MCL 8050 provides excellent lubrication and thermal stability and offers excellent protection of piston rings and liners.

Instructions for use

TIPP-OIL Marine MCL 8050 is recommended for the lubrication of slow rotating marine diesel engines running on heavy fuel oil.

It is recommended by OEM's for engines where there is a risk of cold corrosion. It is recommended for the latest generation of slow rotating large stroke crosshead engines (e.g. MAN Mark 8 & 9).

Quality Classification

specifications

TIPP-OIL Marine MCL 8050 has been tried and tested in practice in units with filling regulations:

Wärtsilä



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#### Features & Benefits

Excellent protection against wear and tear  
Very good detergent and dispersing properties  
Very high thermal and oxidative stability

#### Technical characteristics

Properties Data Unit Test according to  
kinematic viscosity at 100°C 18,600 MM<sup>2</sup>/S DIN ISO 51562-2  
visual appearance BROWN  
density at 15°C 943,0 KG/M<sup>3</sup> DIN EN ISO 12185  
Pour Point -24 CELSIUS ASTM D 7346  
total base number MGKOH/G ASTM D 2896

All data given are approximate values and are subject to the usual production fluctuations.

To the best of our knowledge, all data correspond to the current state of knowledge and our development. We reserve the right to make changes. All references to DIN standards are for product description purposes only and do not constitute a guarantee. In the event of any problems, request technical advice.

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