

### Fullmaster 10W-40

*Effective Protection for Longer Engine Life*



#### PRODUCT DESCRIPTION

**Fullmaster 10W-40**, is a synthetic based engine oil which is developed to meet high performance requirements of heavy commercial vehicles. Its special formulation resists corrosion and rust formation even high sulphur fuel is used, thus it protects engine and keeps engine clean.

#### APPLICATIONS

- It is suitable to use in diesel engines of heavy commercial vehicles.

#### CHARACTERISTICS

- Its special formula protects the engine against corrosion and rust even high sulphur fuel is used.
- Its advanced additive system keeps engine parts clean by controlling formation of deposit and sludge.
- Its excellent fluidity during cold weather protects the engine against wear by providing quick lubrication of engine parts during the first start.

#### APPROVALS

- MACK EO-N
- MB-APPROVAL 228.3
- RENAULT VI RLD-2
- VOLVO VDS-3

#### PERFORMANCES

- ACEA E7
- API CI-4
- CUMMINS CES 20076/77/78
- DETROIT DIESEL DDC93K215
- DEUTZ DQC III
- GLOBAL DHD-1
- JASO DH-1
- MTU DDC TYPE 2

#### TYPICAL PROPERTIES

|                                     |             |       |
|-------------------------------------|-------------|-------|
| Density@15°C, g/ml                  | ASTM D 4052 | 0,870 |
| Viscosity@ 40°C, mm <sup>2</sup> /s | ASTM D 445  | 107,7 |
| Viscosity@100°C, mm <sup>2</sup> /s | ASTM D 445  | 15,6  |
| Viscosity Index                     | ASTM D 2270 | 154   |
| Flash Point, °C                     | ASTM D 92   | 226   |
| Pour Point, °C                      | ASTM D 5950 | -39   |
| TBN, mgKOH/g                        | ASTM D 2896 | 12,5  |

### HEALTH AND SAFETY RECOMMENDATIONS

Waste oils must not be discharged into underground or surface water sources, sewage systems or garbage cans. Prolonged or repeated contact with used oils may cause skin diseases. Therefore sterilized gloves should always be used. If part of the skin comes into contact with waste oil, that part should be immediately washed with plenty of soap and water. In case of skin irritation or redness caused by contact, seek advice of your doctor immediately. For more information contact Material Safety Data Sheet (MSDS).

*The vehicle and equipment manufacturers specifications and relevant international standards were taken into consideration while preparing the content of this Technical Data Sheet. The expressions in the content of this Technical Data Sheet can not be considered as guarantee commitment or similar way in terms of product characteristics and product use in any applications.*

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