

### Fullmaster 20W-50

*Effective Protection for High Mileage Heavy  
Duty Vehicles*



#### PRODUCT DESCRIPTION

**Fullmaster 20W-50**, is a diesel engine oil that is developed with combination of modern technology additives and high quality base oils. It can be used safely in heavy duty vehicles operating in construction, transportation and agricultural sectors. Its special formula keeps engine parts clean and provides effective protection especially in frequently used and high mileage diesel engines.

#### APPLICATIONS

- It can be used in normally aspirated and turbocharged engines of heavy duty vehicles operating in construction, transportation and agricultural sectors.

#### CHARACTERISTICS

- It protects engine against wear during the cold start-up.
- It keeps engine clean and extends engine parts life.
- It reduces maintenance cost by providing effective protection in high mileage engines.

#### PERFORMANCES

- API CF-4/CF

#### TYPICAL PROPERTIES

|                                     |             |       |
|-------------------------------------|-------------|-------|
| Density@15°C, g/ml                  | ASTM D 4052 | 0,892 |
| Viscosity@ 40°C, mm <sup>2</sup> /s | ASTM D 445  | 164,8 |
| Viscosity@100°C, mm <sup>2</sup> /s | ASTM D 445  | 18,2  |
| Viscosity Index                     | ASTM D 2270 | 122   |
| Flash Point, °C                     | ASTM D 92   | 238   |
| Pour Point, °C                      | ASTM D 97   | -21   |
| TBN, mgKOH/g                        | ASTM D 2896 | 11,0  |

### 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.*

*The correct use of this product, compliance with applicable laws and regulations is responsibility of the user. Opet Fuchs Madeni Yağ. San. ve Tic. A.Ş. can not be held responsible for any loss or damage arising from the abnormal use and misuse or any hazards of product content and its results.*

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