



## MIXFLEET 15W40 y 20W50

### Description

Multigrade mineral-based lubricant oil recommended for aspirated or turbo-charged diesel and petrol engines. It works even under the harshest conditions. MIXFLEET's excellent quality makes it highly versatile, and very suitable for professional transportation fleets, freight and passenger transport, construction machinery and agricultural machinery.

### Characteristics

- Its great detergent-dispersal level prevents the engine from getting dirty, and at the same time it keeps sludges and carbon in suspension, stopping them from building up in the piston necks and in lubrication circuits.
- Because it is multigrade, cold-starts are easier and it is very adaptable to different climates.
- Its well-studied formula protects the engine from corrosion.
- Excellent anti-wearing properties that decrease friction.
- Reduces consumption of lubricants, particularly 20W50 grade.

### Quality level

- ACEA E2
- API CF4/CF/SG
- MB 228.1
- MAN 271

### Technical properties

|   | UNITS       | METHOD      | VALUE        | VALUE        |
|---|-------------|-------------|--------------|--------------|
| SAE Grade   |             |             | 15W40        | 20W50        |
| Density at 15°C   | g/ml        | ASTM D 4052 | 0,8830       | 0,8910       |
| Viscosity at 100°C  | cSt         | ASTM D 445  | 14,5         | 17,7         |
| Viscosity at 40°C   | cSt         | ASTM D 445  | 110          |              |
| Viscosity at -20°C  | cP          | ASTM D 5293 | 7000 maximum | 9500 maximum |
| Viscosity index   | -           | ASTM D 2270 | 125 minimum  | 120 minimum  |
| Flash point, COC  | °C          | ASTM D 92   | 215 minimum  | 215 minimum  |
| Pour point  | °C          | ASTM D 97   | -24          | -21          |
| T. B. N.  | mg KOH/g    | ASTM D 2896 | 8,0          | 8,0          |
| Shear Stability Bosch Injector<br>Viscosity at 100°C after shearing | cSt         | ASTM D 3945 | 12,5 minimum | 15 minimum   |
| Noack Volatility, 1h at 250°C                                       | % in weight | DIN 51581   | 13 maximum   | 13 maximum   |

### Available in

185 kg drums; 1, 4 or 5 litre plastic bottles

## Hazard Identification

This product is not classified as toxic or hazardous under current legislation.

## Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

## Health and Safety Hazards

**Inhalation:** Minimum risk of inhalation as it is a non-volatile product.

**Ingestion:** Does not provoke vomiting. Drink water. Seek medical assistance.

**Contact with Skin:** Wash with abundant water and soap.

**Eyes:** Wash with abundant water.

**General measures:** Seek medical assistance.

## Fire fighting measures

No special measures are required.

**Fire control:** Foams, dry chemicals, CO<sub>2</sub>, water spray. Do not apply water jet directly as this may cause the product to spread.

## Environmental precautions

Danger of physical contamination in the case of spillage (water flows, coastal areas, the ground, etc.) due to its floating capacity and oily consistency which may cause damage to fauna and flora with which it comes into contact. Avoid its penetration into water containers or outlets.

**Decontamination and cleaning:** Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

**Emergency telephone number. Instituto Nacional de Toxicología 915620420**  
A safety data file exists.

Unless otherwise specified, the values cited in technical characteristics should be considered typical.