

CROWN Loder Omega 10000 20W-50

Product Data Sheet



CROWN Loder Omega 10000 20W-50 CH-4 is heavy-duty engine oil specifically engineered for diesel engines operating under a wide range of severe conditions. It meets or exceeds the requirements of API CH-4 service classification. This high-viscosity grade is particularly suited for diesel vehicles and applications where increased oil film thickness is desired to maintain optimal engine protection and reduce oil consumption in demanding environments.

Benefits

- Maintains TBN to enhance engine durability and reliability.
- Prevent oxidation-related deposits, keeping the engine clean.
- Provide comprehensive protection against soot, varnish, and sludge buildup.
- Maintain viscosity and lubrication under high-loads, high temperature conditions.

Application

- Modern heavy-duty diesel vehicle engines used in both on-and-off highway applications.
- Suitable for diesel engines requiring API CH-4 or earlier performance.
- Recommended for engines using moderate to low Sulphur diesel fuel in demanding operating conditions.

Performance Level

Meets/Exceeds:

- API CH-4
- API CG-4
- API CF-4

Product Characteristics

| Properties | Units | Test Method | SAE 20W-50 |
|-------------------------------|--------------------|-------------|------------|
| Density at 15 °C | kg/L | ASTM D4052 | 0.8810 |
| Kinematic Viscosity at 40 °C | mm ² /s | ASTM D445 | 197.1 |
| Kinematic Viscosity at 100 °C | mm ² /s | ASTM D445 | 21.6 |
| Viscosity Index | - | ASTM D2270 | 131 |
| Flash Point, COC | °C | ASTM D92 | 252 |
| Base Number | mg KOH/g | ASTM D2896 | 10.5 |
| Pour Point | °C | ASTM D97 | -30 |
| <i>Product Code</i> | | | 659024 |

* Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

* Information, test methods, figures are typical and conform to specification; minor variation may occur.

* Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and approval requirement.

Ver.1

TECHNOLUBE LLC

National Industries Park, P.O Box -116636 Jebel Ali, Dubai, U.A.E.

Telephone: +971 480 18 444

www.technolubeuae.com

