

# DIESEL SAE 20W-50

## DESCRIPTION

20W-50 is an advanced mineral heavy duty diesel engine oil that is specifically engineered to deliver longer useful oil life. It is suitable for use in high speed 4-stroke diesel engines that use a broad range of fuel qualities. It is also compatible with diesels engines fitted with exhaust gas recirculation (EGR) systems.



## BENEFITS

- Excellent anti-wear, anti-foam, anti-rust properties
- High resistance to oxidation
- Valve train wear control, rings and skirts
- High viscosity index
- Excellent protection from deposits at all operating temperatures
- Viscosity stable under extreme temperature conditions

## PERFORMANCE LEVEL

- API CI-4/SL
- ACEA E7-16
- MB 228.1/228.3
- MAN M3275
- MTU type 2
- Deutz DQC-III
- Global DHD-1
- VOLVO VDS-3
- Mack EO-N
- Renault RLD-2
- Caterpillar ECF-1a
- DDC 93K215
- JASO DH-1
- Cummins CES 20076/20077/20078

## AVAILABLE IN

1L, 4L, 5L, 10L, 20L, 50L, 208L, IBC, FLEXITANK



## TECHNICAL PROPERTIES

CHARACTERISTIC	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Clear
Color	ASTM D1500	3
Density at 20°C, g/cm <sup>3</sup>	ASTM D4052	0.880
Kinematic viscosity, 100 °C, mm <sup>2</sup> /s	ASTM D445	19
Kinematic viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D445	170
Viscosity Index	ASTM D2270	127
TBN, mg KOH/g	ASTM D2896	11
Pour point, °C	ASTM D97	-25
Flash point, °C	ASTM D92	230
Copper Corrosion	ASTM D130	1a
Sulfated Ash, % m/m	ASTM D874	1.3