



SAE 20W-50 API CI-4 HEAVY DUTY DIESEL ENGINE OIL

High Viscosity Mineral Diesel Engine Oil SAE (20W-50) For Older Diesel Engines Or Units Operating in Very High Ambient Temperatures and With Higher Oil Consumption Where a Thicker Oil is Recommended To Reduce Oil Loss Suitable For Older Commercial Vehicles and Heavy Equipment Without Modern DPF Systems, Offering High Oil Film Strength Under Severe Load and Temperature Conditions.

PROPERTY	VALUE
SAE Grade	20W-50
Viscosity at 40°C	180
Viscosity at 100°C	20
Viscosity Index	130
Pour Point	-20
Flash Point COC	230 - 240
Density @ 15 °C (g/cm ³)	0.880
Noack (%)	7-10
HTHS at 150°C	≥ 4.5
Sulfated Ash (%)	1.0-1.4
TBN (mg KOH/g)	10

SPECIFICATIONS AND APPROVALS:

API CI-4/CH-4 ,ACEA E7
 (For Engines Without DPF)
 MB-Approval 228.3 MAN 271
 Caterpillar TO-2 / ECF-2
 Allison C4,Cummins CES 20071/20077

Package : 1 - 2 - 4 - 5 - 7 - 25 - 208

BENEFITS

- Enhanced Wear Protection: Advanced additives Protect Engine Components under high-stress Conditions.
- Engine Cleanliness: Minimizes Sludge and Varnish Formation, Maintaining Engine Efficiency.
- Oxidation Stability: Resists Oil Thickening and deposit formation at high Temperatures.
- Corrosion Protection: Prevents Rust and Corrosion, Extending Engine Life.
- Shear Stability: Maintains viscosity under Severe Operating Conditions.

APPLICATIONS

- Heavy-Duty Diesel Engines: Suitable For Trucks, Buses and Construction Machinery.
- Turbocharged and Naturally Aspirated Engines Compatible With Various Engine Types.
- Off-Highway Vehicles: Ideal For Mining, Forestry and Agricultural Equipment.

