

Product Data Sheet

Heavy Duty Diesel Engine Oil Multi-Grade (CK-4) Premium Gold

SAE: 10W30

Product Code: 303

OVERVIEW

Heavy Duty Diesel Engine Oil Multi-Grade CK-4 10W-30

- Specially formulated to ensure superior lubrication and long life.
- Premium grade diesel engine oil that provides protection and oxidation resistance for highly rated diesel engines running in severe service conditions.
- Shown to be versatile as well as able to meet the grueling demands of today's low emission diesel engines, as well as the older models which are using both low and high sulfur fuels.
- Recommended for use in a variety of heavy duty conditions as well as operating environments.

FEATURES / BENEFITS

Heavy Duty Diesel Engine Oil Multi-Grade CK-4 10W-30

- Performs well in low emission diesel engines which increase the demands on engine lubricants.
- Delivers the best performance in late model as well as older engines.
- Excellent soot handling capabilities.
- Exemplary thermal stability and oxidation control.
- Contains properties which provide anti-wear and anti-scuff.
- Contains extended TBN reserves which provide improved acid neutralization and corrosion protection.

- Maximizes oil flow to the critical bearing surfaces during start up.
- Has stay-in-grade sheer stability.
- Extended drain capabilities- excellent water tolerance.

APPLICATIONS

Heavy Duty Diesel Engine Oil Multi-Grade CK-4 10W-30

- On the highway applications for light and heavy-duty trucking.
- Off the highway applications such as trucking, construction, agriculture and quarrying.
- Various mixed fleet applications.

SPECIFICATION /Suitable for Use Claims

Exceeds Performance Requirements:

- API CK-4, CJ-4, CI-4 Plus, CI-4, CH-4
- ACEA E9-12, E9-16
- CUMMINS CES 20086
- MACK EOS 4.5
- MB 228.31
- DDC 93K222
- CATERPILLAR ECF-3
- VOLVO VDS-4.5
- RENAULT VI RLD-4
- MTU TYPE 2.1
- DEUTZ DQC III-10 LA
- FORD WSS-M2C171-F1
- MAN 3575

ALWAYS CONSULT YOUR OWNER'S MANUAL FOR THE PROPER LUBRICANT OIL FOR YOUR EQUIPMENT.

TYPICAL TEST DATA

PRODUCT CODE	303
SAE GRADE	10W-30
API/ILSAC/ACEA Specifications	CK-4, CJ-4, CI-4 Plus /E9-12, E9-16
Specific Gravity@ 60°F	0.8678
Viscosity, cSt @ 100°C	11.1
Viscosity, cSt @ 40°C	74.66
Viscosity, CCS cP @ -25°C	5940
Viscosity Index	139
Pour Point, °C	-36
Flash Point, °C	400
TBN (D2896)	10

Product Data Sheet

The above test data are average values only. Minor variations which do not affect product performance are to be expected during manufacturing. Specific PDS for each product will be provided upon purchase.