

Heavy Duty Diesel Engine Oil Synthetic-Blend (CK-4) Premium Gold

SAE: 10W30
Product Code: 302

OVERVIEW

Heavy Duty Diesel Engine Oil Synthetic-Blend CK-4 10W-30 is an ultra-premium, synthetic blend product formulated to exceed the latest API diesel engine oil specifications as well as the warranty and performance requirements of most diesel engine manufacturers.

FEATURES / BENEFITS

Heavy Duty Diesel Engine Oil Synthetic-Blend CK-4 10W-30 oil is specifically designed for use in model year 2017 and newer heavy-duty diesel engines in high output service and is fully backwards compatible to engines requiring any API service class. It provides robust protection, increased oxidation stability and superior shear stability over any previous API category to date. **Heavy Duty Diesel Engine Oil Synthetic-Blend CK-4 10W-30** oil can be used in extreme applications involving any vehicle or diesel engine where an API CK-4 or earlier C class oil is specified and a fuel economy savings over a 15W-40 viscosity is desired. Field studies have shown a 1% or more fuel savings by switching from a 15W-40 to a 10W-30 engine oil.

APPLICATIONS

Heavy Duty Diesel Engine Oil Synthetic-Blend CK-4 10W-30 oil is formulated with premium synthetic and conventional base stocks, the latest additive technology, and an exceptionally shear stable, star structure viscosity modifier. Its foundation has been engineered to withstand the rigors of all severe service duty categories including off-road, long haul over-the-road, as well as start/stop, short-haul line service.

SPECIFICATION /Suitable for Use Claims

Exceeds API CK-4, CJ-4, CI-4, CI-4 PLUS, CH-4, CF-4 CF • ACEA E9-16, E7-04 • Caterpillar ECF-3, ECF-2, ECF-1a, TO-2 • Cummins CES 20086, 20081, 20077 & 20076 • Detroit Diesel 93K222, 93K218 • Deutz DQC III-10 LA • Ford WSS-M2C171-F1 • JASO DH-2 • Mack EOS-4.5, EO-O Premium Plus, EO-N Premium Plus, EO-M • MAN 3575 • Mercedes-Benz 228.31 • MTU MTL 5044 Type 2.1 • Renault RLD-4, RLD-3 • Volvo VDS-4.5 VDS-4, VDS-3, VDS-2

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

TYPICAL TEST DATA

PRODUCT CODE	302
SAE GRADE	10W-30
API/ILSAC/ACEA Specifications	
Viscosity, cSt @ 100°C	12.02
Viscosity, cSt @ 40°C	83.3
Viscosity, CCS cP @ -25°C	6400
Viscosity Index	142
Pour Point, °C	-45
Sulfated Ash, Wt. (%)	
High Temp/High Shear Viscosity, cP (D4683)	
Flash Point, °C	227
Zinc, Wt. (%)	0.127
Calcium, Wt. (%)	0.105
Sulfated Ash, Wt. (%)	0.10
Phosphorus, Wt. (%)	0.115

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.