

Product Data Sheet

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

SAE: 5W30
Product Code: 321

OVERVIEW

Heavy Duty Diesel Engine Oil Synthetic (CJ-4) 5W-30 is designed to exceed the most demanding lubrication requirements of top tier Heavy Duty Diesel OEM's. Formulated for fuel efficiency, this product also provides excellent protection against viscosity break down, improves engine cleanliness and reduces oil consumption.

FEATURES / BENEFITS

Heavy Duty Diesel Engine Oil Synthetic CJ-4 5W-30 is composed of synthetic base stocks for superior anti-oxidation characteristics, enhanced high temperature stability, excellent oxidation protection, superior low temperature flow properties, increased shear stability and enhanced fuel economy.

Heavy Duty Diesel Engine Oil Synthetic CJ-4 5W-30 is formulated to protect exhaust after treatment devices such as diesel particulate filters (DPF), diesel oxidation catalysts (DOC) and selective catalytic reduction (SCR) systems. It exceeds the Mack EO-O Premium Plus 07

specification and API CJ-4/SN service category and is backward serviceable for use in pre-2007 diesel engines.

APPLICATIONS

Heavy Duty Diesel Engine Oil Synthetic CJ-4 5W-30 is designed for naturally aspirated and turbo-charged diesel-powered engines, on-highway heavy duty and light trucks (including mixed-fleets), older diesel equipment with conventional, non-EGR engines or ACERT engines, and off-highway applications including mining, construction, quarrying and agriculture.

SPECIFICATION /Suitable for Use Claims

Exceeds Performance Requirements API Service CJ-4/SN • ACEA E9 • Mack EO-O Premium Plus '07 • Cummins CES 20081 • Detroit Diesel DDC 93K218 • CAT ECF-1a, ECF-2 & ECF-3 • Volvo VDS-4 • Renault Truck RLD-3 • MB 228.31 • MAN 3575 • MTU Type I & II • JASO DH-2 • GLOBAL DHD-1

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

TYPICAL TEST DATA

PRODUCT CODE	321
SAE GRADE	5W-30
API/ILSAC/ACEA Specifications	CJ-4/SN /ACEA E9
Viscosity, cSt @ 100°C	74
Viscosity, cSt @ 40°C	12.1
Viscosity, CCS cP @ -30°C	6400
Viscosity Index	160
Pour Point, °C	-40
Zinc, Wt. (%)	0.125
High Temp. / High Shear (HTHS)	4
Phosphorus, Wt. (%)	0.115
TBN (D2896)	10

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.