

## ADVANTAGE HD PREMIUM SYNTHETIC 5W-30 CJ-4 DIESEL ENGINE OIL

### OVERVIEW

ADVANTAGE HD PREMIUM SYNTHETIC 5W-30 CJ-4 DIESEL ENGINE OIL is designed to meet or 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

ADVANTAGE HD PREMIUM SYNTHETIC 5W-30 CJ-4 DIESEL ENGINE OIL has a specially engineered formulation 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. ADVANTAGE HD PREMIUM SYNTHETIC 5W-30 CJ-4 DIESEL ENGINE OIL 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 meets 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

ADVANTAGE HD PREMIUM SYNTHETIC 5W-30 CJ-4 DIESEL ENGINE OIL 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.

### SPECIFICATIONS

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

### TYPICAL PROPERTIES

PRODUCT CODE	660
Viscosity, cSt @ 40 °C	74
Viscosity, cSt @ 100 °C	12.1
Viscosity, CCS, cP @ -30°C	6400
Viscosity Index	160
TBN	10
Pour Point, °C	-40
Zinc, wt%	.125
Phosphorous, wt. %	0.115
High Temp. / High Shear (HTHS)	4