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BLACK BEAR FULL SYN 5W40 CK-4/MACK

OVERVIEW

BLACK BEAR FULL SYN 5W40 CK-4/MACK is a fully synthetic, high performance, heavy duty diesel engine oil that helps extend engine life while providing long drain capability and increased fuel economy for engines operating in severe conditions. BLACK BEAR FULL SYN 5W40 CK-4/MACK delivers exceptional performance in low emission engines including those with Exhaust Gas Recirculation (EGR), Diesel Particulate Filters (DPF's) and Diesel Oxidation Catalysts (DOC's).

FEATURES & BENEFITS

- Excellent oxidation protection
- Superior low temperature flow properties
- Increased shear stability
- Enhanced fuel economy
- Protects against viscosity break down
- Improves engine cleanliness and reduces oil consumption
- Excellent cold engine starting in sub-zero temperatures.
- Exceptional soot dispersancy
- Excellent wear control promotes optimal service life
- Minimizes maintenance downtime.

APPLICATIONS

BLACK BEAR FULL SYN 5W40 CK-4/MACK is recommended for use in a wide range of heavy-duty applications and operating environments such as on-road transport, off-road construction and mining as well as agricultural applications.

SPECIFICATIONS

API CK-4, CJ-4, CI-4, CI-4 Plus, CH-4, CG-4, CF-4, CF/SN
Mack EOS-4.5, EO-O Premium Plus, EO-M, EO-N Premium Plus
Cummins CES 20086, 20081, 20077 & 20076
Detroit Diesel DDC 93K222, 93K218, 93K214
CAT ECF-1a, ECF-2, ECF-3, TO-2
Volvo VDS-4.5, VDS-4, VDS-3, VDS-2
Renault RLD-4, RLD-3

TYPICAL PROPERTIES

PRODUCT CODE	3302
SAE Grade	5W-40
Specific Gravity	.0850
Viscosity, cSt @ 100°C	14.40
Viscosity, CCS cP @ -30°C	6400
Viscosity, cSt @ 40°C	93.25
Viscosity Index	168
Pour Point, °C	-40
Zinc, Wt. (%)	0.127
Phosphorous, Wt. (%)	0.115
High Temp. / High Shear (HTHS)	3.1
NOACK, Wt. (%)	12
TBN	9.2