



BLACK BEAR FULL SYN 10W30 CK-4

OVERVIEW

BLACK BEAR FULL SYN 10W30 CK-4 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 10W30 CK-4 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 10W30 CK-4 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
- Mack EOS -4.5
- Mack EO-O Premium Plus
- Cummins CES 20081
- Detroit Diesel DDC 93K222,93K218
- CAT ECF-1a, ECF-2, ECF-3
- Volvo VDS-4.5, VDS-4
- Renault RLD-4, RLD-3

TYPICAL PROPERTIES

PRODUCT CODE	3402
SAE Grade	10W-30
Specific Gravity	.0870
Viscosity, cSt @ 100°C	12
Viscosity, CCS cP @ -30°C	6200
Viscosity, cSt @ 40°C	82
Viscosity Index	145
Pour Point, °C	-40
Zinc, Wt. (%)	0.12
Phosphorous, Wt. (%)	0.115
NOACK, Wt. (%)	8.6
TBN	9.8