



BOSS

LUBRICANTS



BOSS EXTREME DIESEL ENGINE OIL API CJ-4

PRODUCT DESCRIPTION AND BENEFITS

- Driven by the EPA's On-highway 2007 Exhaust Emission Standards that require major reductions in nitrogen oxide (NOx) and particulate matter (PM) for 2007 model year trucks
- Performance Tests are a combination of existing CI-4 Plus, CI-4 and CH-4 engine tests using today's diesel fuel (500 PPMs) as well as new engine tests using ultra low sulfur diesel fuel (ULSD=15PPM) that is mandated for on road use.
- Represents a major performance upgrade over CI-4 Plus in terms of emissions control system durability as well as additional protection in terms of valve train wear, piston deposit control and soot handling capabilities.
- Improves oil consumption characteristics and protection against bearing corrosion
- Maximum chemical limits on sulfated ash (SA), Phosphorus (P) and Sulphur (S) have been set to address the emissions system compatibility and durability standards

PERFORMANCE SPECIFICATION

	10W30	15W40
VISCOSITY @ 40C, m m 2/S	81.8	118.5
VISCOSITY @ 100C, m m 2/S	12.2	15.7
VISCOSITY INDEX	146	141
VISCOSITY Cp MRV TP1	17000 @ -30C	19000 @ -25C
VISCOSITY Cp CCS	6600 @ -25C	6300 @ -20C
FLASH POINT, COC, C	222	236
POUR POINT, C	-33C	-33
ASH, SULFATED (wt%)	0.98	0.98
SPECIFIC GRAVITY 15.6°C(60°F)	0.868	0.871
TOTAL BASE NUMBER	9.5	9.6



INDEPENDENT LUBRICANT
MANUFACTURERS ASSOCIATION



Applications

API	CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4, CF-4
API	SM, SL, SJ, SH
ACEA	E7
CATERPILLAR	ECF-1a, ECF-2, ECF-3
CUMMINS	CES 20081
DETROIT DIESEL	93K218
MACK	EO-O PREMIUM PLUS '07
MAN	M3275
MB APPROVAL	228.3 and 228.31
MTU	TYPE 2
VOLVO	VDS 4T

CANADIAN OWNED, CANADIAN MADE, FOR CANADIAN CLIMATES.
QUALITY, VALUE, SERVICE AND SUPPORT

In order to continue to provide superior quality, BOSS LUBRICANTS reserves the right to change composition of its products without notice. For the location of the Distributor nearest you, please call 1-800-844-9457 or fax (403) 279-2272 #112, 6303 30th Street S.E. Calgary, AB T2C 1R4

WWW.BOSSLUBRICANTS.COM



INDEPENDENT LUBRICANT
MANUFACTURERS ASSOCIATION



