

HEAVY DUTY EXTREME DIESEL ENGINE OILS API CJ-4

Developed to meet the EPA's 2007 On-Highway Exhaust Emission Standards which require significant reductions in nitrogen (Nox) and particulate matter (PM) for 2007 model year trucks and maximum chemical limits on sulfated ash (SA), phosphorus (P), and sulphur (S) to address the emissions system compatibility and durability standards. The performance tests are a combination of existing CI-4Plus, CI-4 and CH-4 engine tests using today's diesel fuel (500 PPM's) combined with new engine tests using ultra low sulfur diesel fuel (ULSD=15 PPM) mandated for on road use. Considerable performance upgrade over CI-4 Plus in terms of emission control combined with superior protection of valve train wear, piston deposit control and soot handling capability.

SAE GRADE	10W30	15W40
DENSITY (D4052) KG/M @ 15°C	N/A	N/A
KINEMATIC VISCOSITY (D445) CST @ 40°C	81.7	113.9
KINEMATIC VISCOSITY (D445) CST @ 100°C	12.2	15.6
VISCOSITY INDEX (D2270)	145	145
VISCOSITY CP CCS	6200 @ -20°C	5500 @ -20°C
FLASH POINT (D92), °C	237	226
POUR POINT (D97), °C	-39	-33
SPECIFIC GRAVITY 15.6°C (60 °F)	0.868	0.871
ASH SULPHATE, MASS%	1.00	1.00

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. BOSS LUBRICANTS #112, 6303 30th Street S.E. Calgary, AB T2C 1R4



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*NOTE: VALUES SHOWN ABOVE ARE REPRESENTATIVE OF CURRENT PRODUCTION AND MAY VARY WITHIN MODEST RANGES

APPLICATIONS

MEETS OR EXCEEDS THE FOLLOWING SERVICE REQUIREMENTS:

- API: CJ-4, CI-4PLUS, CI-4, CH-4
- CATERPILLAR: ECF-2, ECF-3
- CUMMINS: CES 20081, CES 20086, CES 20087
- DAIMLER: MB 228.31
- DETROIT DIESEL: DFS 93K222, DFS 93K218, DFS 93K233
- MTU: CATEGORY 2.1
- RENAULT: RLD-4, RLD-3
- VOLVO: VDS 4.5, 4, 3

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