

PRO-TEC PREMIUM CI-4 15W-40

Description/Application/Properties

SAE 15W-40 MF is a high-performance engine oil for the most modern diesel and gasoline engines, including turbocharged and supercharged engines. The unique additive technology meets the highest requirements and is therefore specially recommended for mixed fleets and city buses.

Customer Benefits

Excellent viscosity stability in service, Outstanding detergent, Dispersant and Anti-wear properties, keep the engine clean and enable efficient control of soot sludge and piston deposits.
Piston cleanliness performance affords effective protection against cylinder liner polishing.

Specification/Recommendation

Meets The Requirements of:

API CI-4/SL, ACEA E7-12, E7-16

MB 229.1 / 228.3, VOLVO VDS-3, Global DHD-1, MTU DDC Type 2, Cummins CES 20076/77/78, Renault RLD/RLD-2, Mack EO-N, MAN M 3275-1, Caterpillar ECF-1a, JASO DH-1-15, Detroit Diesel DDC93K215, DEUTZ DQC III-10

Recommended for: Komatsu, Scania, Freightliner, Isuzu, Iveco

TEST	UNIT	TEST METHOD	RESULT
VISCOSITY GRADE	-	SAE 300	15 W 40
DENSITY AT 15°C	kg/m ³	ASTM D 4052	881
VISCOSITY AT 40°C	mm ² /s	ASTM D 445	107.5
VISCOSITY AT 100°C	mm ² /s	ASTM D 445	14.6
VISCOSITY INDEX	-	ASTM D 2270	142
FLASH POINT	°C	ASTM D 92	235
POUR POINT	°C	ASTM D 97	-33

Unsere technischen Informationen stützen sich auf sorgfältige Untersuchungen und wurden nach dem neuesten Stand zusammengestellt. Dennoch kann sie nur unverbindlich beraten, da Anwendung und Verarbeitungsmethoden nicht in unserem Einfluss liegen. Keine Haftung für Druckfehler. Technische Änderungen vorbehalten.
Our information is based on careful examination and may be considered as reliable. However, all information supplied is a non-binding advise. No liability for printing errors, technical modifications and errors excepted.