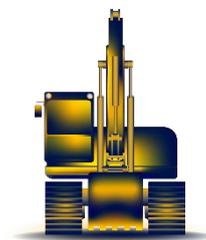


ERGON MAXX 10W—40



DESCRIPTION

ERGON MAXX is a Low SAPs Ultra High Performance engine lubricant designed for the lubrication of the latest US EPA Tier 4 Final, EU Stage IV, and EU Stage V emission regulations diesel engines, in particular where these engines are equipped with after treatment systems (such as DOC, DPF & SCR) operating on low sulfur diesel fuel and under severe heavy duty conditions. It exceeds rigorous OEMs and industry standards such as API CK-4, ACEA E11 in the areas of wear and oxidation performance as well as deposit, soot and contamination handling.

APPLICATIONS

ERGON MAXX is specifically designed for use in modern US EPA Tier 4 Final and EU Stage IV/V compliant diesel engines used in earthmoving, construction, and mining equipment. It can be used in most Euro IV, Euro V, and Euro VI diesel engines equipped with aftertreatment systems and operating on low-sulfur diesel fuel, CNG, LPG or blends rich in biofuel. ERGON MAXX exceeds the requirements of diesel engines used in off-highway equipment from leading Japanese, European, and American OEMs, including Hitachi, Isuzu, Mitsubishi, John Deere, Perkins, Case New Holland, Liebherr, JCB, Komatsu, and others. It also meets the requirements of Euro IV/V/VI and US EPA 2007/2010 diesel engines used in on-highway and agricultural applications requiring API CK-4 or ACEA E11/E8 performance levels.

SPECIFICATIONS

ACEA	E11	DTFR	15C1100 (ex. MB 228.51)
ACEA	E9	DTFR	15C1000 (ex. MB 228.31)
ACEA	Performance level E7	VOLVO	VDS-4.5
ACEA	E6	VOLVO	VDS-4.0
ACEA	E8	MACK	EO-M Plus
API	CK-4 (Approved)	MACK	EO-N
API	CI-4 Plus	DEUTZ	DQC III-18 LA
API	CJ-4	DEUTZ	DQC III-10 LA
API	CI-4	MAN	Performance level 3477
API	CH-4	MAN	Performance level 3775
RENAULT TRUCKS	RLD-3		

PROPERTIES

ERGON MAXX protects exhaust gas treatment systems while delivering excellent wear protection, even under constant full load. It provides durable defense against aggressive acids and corrosion throughout the entire oil drain interval, reduces contaminant emissions, and offers outstanding soot handling. Bio-fuel compatible with excellent cold-start performance, it supports extended oil drain intervals, prevents oxidation, and is suitable for both modern and older diesel engines, meeting the requirements of OEMs such as Mercedes-Benz, MAN, and Volvo.



TECHNICAL PRODUCT SHEET

BENEFITS

ERGON MAXX keeps the engine clean for optimal performance, helping to reduce fuel and oil consumption. It delivers excellent low-temperature fluidity to minimize wear during cold operation, supports long engine life, and maintains the efficiency of emission reduction systems, including the Diesel Particulate Filter (DPF).

PHYSICAL-CHEMICAL CHARACTERISTICS

ERGON MAXX	METHOD	SAE 10W-40
Density at 15°C, g/cm ³	ASTM D4052	0.872
Viscosity, Kinematic (cSt) 40°C	ASTM D445	98.2
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.6
Viscosity index	ASTM D2270	155
Flash point, COC, °C	ASTM D92	236
Pour point, °C	ASTM D97	-30
TBN, mgKOH/g	ASTM D2896	10.3
Dynamic Viscosity, °C/cP	ASTM D5293	-25°C/6,600
HTHS, cP	CEC-L-36-A-90	3.8

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

