Pallas 2000 X-tra

100% SYNTHETIC U.H.P.D. (Ultra High Performance Diesel) ENGINE OIL FOR LOW EMISSIONS AND LOW FUEL CONSUMPTION

120088/12.17

Rev. 1

DESCRIPTION & APPLICATIONS

PALLAS 2000 X-tra 5W30 has been developed to meet the most stringent requirements of the latest 4-stroke engines (for heavy transport), in particular in terms of emissions, fuel economy and extended drain intervals.

Under conditions of heavy use and regular oil analysis oil, PALLAS 2000 X-tra can be used for drain intervals up to 150.000 km. (depending on the requirements of the manufacturer).

PALLAS 2000 X-tra is suitable for engines with DPF (diesel particulate filter) where a top-5W30 engine oil is recommended for low-emission engines that meet Euro V and Euro VI standards.

PALLAS 2000 X-tra 5W30 provides significant fuel savings (approximately 1 liter per 100 km) compared to a SAE 15W40 oil.

ADVANTAGES

- A remarkable thermal stability.
- Excellent resistance to oxidation.
- The very high shear stability ensures 5W30 viscosity under all circumstances.

PERFORMANCES

Satisfies to the following specifications:

ACEA E6/E7
ACEA E9-08 issue 2
API CJ-4
Daimler 235.28
DEUTZ DQC IV-10 LA
JASO DH-2
MACK EO-M+
Mack EO-O Premium Plus
Mack EO-N Premium Plus
MAN 3477/3677
MB 228.31/228.51
MTU TYPE 3.1
SCANIA Low Ash
RVI RLD-3/RXD
Volvo VDS 4
Voith retarder oil Class B

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ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal.
When needed, Safety Data Sheet can be obtained upon request.

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	5W30
Specific gravity at 15°C	kg/m³	NFT 60101	859
Kinematic viscosity at 40°C	mm²/s (cSt)	NFT 60100	68,3
Kinematic viscosity at 100°C	mm²/s (cSt)	NFT 60100	10,8
Viscosity index	-	NFT 60136	148
Dynamic viscosity at -30°C	mPa.s	ASTM D 5293	6220
Flash point (PMCC)	°C	ASTM D 93	226
Pour point	°C	NFT 60105	-48
Sulphated ash content	% wheight	NF T 60143	<1
TBN (Total Base Number)	mg KOH/g	ASTM D 2896	10,03

The average values are given for information only.