

# PALLAS 800

SYNTHETIC OIL FOR  
HEAVY-DUTY DIESEL ENGINES

120069/03.18

Rev. 12

## DESCRIPTION & APPLICATIONS

PALLAS 800 is a SHPD (Super High Performance Diesel) synthetic based engine oil, with natural multigrade properties. This oil withstands extremely high temperatures, has a very high shear resistance and thanks to the SAE grade it is usable all year round.

PALLAS 800 is particularly recommended for heavily loaded applications, both for transport and public works. This oil is ideal for low-emission four-stroke diesel engines, including those equipped with a particulate filter DPF (Diesel Particle Filter) and/or those using SCR technology (AdBlue).

PALLAS 800 is recommended for use in EURO 3 up to EURO 6 diesel engines.

## ADVANTAGES

- The "long life" character of PALLAS 800:
  - Provides optimum engine protection.
  - Allows extended drain intervals up to 100,000 km (when applying regular analytical controls)
- The exceptional quality of the base oils of PALLAS 800 provide a remarkable chemical and thermal stability, and excellent oxidation resistance.

## PERFORMANCES

Satisfies to the following specifications:

ACEA E4-12/E7-12/E6-12/E9-12

API CI-4

CUMMINS CES 20076/20077

DAF HP-2

DEUTZ DQC IV-10 LA

JASO DH-2

MACK EO-N

MAN 3271.1/3477

MTU TYPE 3.1

MB 228.51/226.9

RGD

RVI RLD-2/RXD

Volvo VDS 3

# PALLAS 800

## 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                    | -                        | -             | 10W40        |
| Specific gravity at 15°C     | kg/m <sup>3</sup>        | NFT 60101     | 866          |
| Kinematic viscosity at 40°C  | mm <sup>2</sup> /s (cSt) | NFT 60100     | 100          |
| Kinematic viscosity at 100°C | mm <sup>2</sup> /s (cSt) | NFT 60100     | 14,8         |
| Viscosity index              | -                        | NFT 60136     | 154          |
| Dynamic viscosity at -25°C   | mPa.s                    | ASTM D 2602   | 6169         |
| Flash point (PMCC)           | °C                       | ASTM D 93     | 215          |
| Pour point                   | °C                       | NFT 60105     | -36          |
| Noack evaporation loss       | % weight                 | CEC-L-40-T-87 | 11           |
| Sulphated ash content        | % weight                 | NF T 60143    | 0,95         |
| TBN (Total Base Number)      | mg KOH/g                 | ASTM D 2896   | 9,3          |

*The average values are given for information only.*