



# PALLAS 875 10W40

SYNTHETIC U.H.P.D. LUBRICANT FOR LOW EMISSION DIESEL ENGINES



## INDUSTRIAL VEHICLES RANGE

ENGINE  
SYNTHETIC  
SAE 10W-40

Mineral

Synthetic

100%  
synthetic

## STANDARDS AND SPECIFICATIONS

ACEA 2022 : E7, E8, E11  
API CI-4  
MAN M 3477, M 3271-1, M 3271-3  
DTFR 15C110  
RENAULT RLD-2  
VOLVO VDS 3

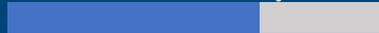
Engine cleanliness



Oxidation resistance



Shear stability



## APPLICATIONS

**PALLAS 875 10W40** has been specially developed to specify the toughest requirements of professional 4-stroke diesel engines, particularly in terms of emissions and very long periods between oil changes.

**PALLAS 875 10W40** is ideally suited for engines with **DPF** (particle filter) and is recommended for low emission engines according to the EURO V, VI and Tier 4 standards (off road vehicles from 2011).

**PALLAS 875 10W40** authorises, **under normal analytical inspection**, oil change periods up to **120 000 km** (according to manufacturer requirements) under intensive service conditions.

## BENEFITS

**PALLAS 875 10W40** offers :

- Remarkable thermal stability
- Excellent resistance to oxidation
- Stability to shearing of its SAE 10W40 grade over time
- High anti-wear protection allowing against liner polishing
- Unrivalled piston cleanliness

## PERFORMANCES

### PERFORMANCE LEVELS

ACEA 2016 : E6, E7, E9  
ACEA 2022 : E7, E8, E11  
API CI-4

CAT ECF 1a  
CES 20077  
DAF (extended drain)  
DEUTZ DQC IV-18 LA, DQC TTCD  
DTFR 15C110 (MB 228.51)  
IVECO 18 1804 TLS E6  
JASO DH-2  
MACK EO-N  
MAN M 3477, M 3271-1, M 3271-3  
MTU Type 3.1  
RENAULT RLD-2  
VOLVO VDS 3

OPAL  
10W40  
10W40  
OPAL  
10W40  
10W40



## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	<b>10W-40</b>
Density at 20°C	-	NF EN ISO 12185	864
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	101.3
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	14.8
Viscosity index	-	NF T 60-136	152
Dynamic viscosity at -25°C	mPa.s	ASTM D 5293	6 471
Pour point	°C	NF T 60-105	-42
Flash point	°C	NF T 60-118	230
Sulfated ash content	% weight	NF T 60-143	0.91
Phosphorous content	% weight	NF T 60-143	0.06
Sulphur content	% weight	NF T 60-143	0.2
TBN	mg KOH/g	ASTM D 2896	9.90

*This typical data is given for information only*

## HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used lubricants.

**Must be stored away from bad weather.**

Should you need further details, our Technical Department remains at your entire disposal.