



# PALLAS 900 10W40

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



## INDUSTRIAL VEHICLES RANGE

ENGINE  
SYNTHETIC  
SAE 10W-40

Mineral

Synthetic

100%  
synthetic

## STANDARDS AND SPECIFICATIONS

ACEA 2022 : E8, E7, E11  
API CK-4  
DEUTZ DQC IV-18-LA  
DAIMLER TRUCK DTRF 15C110  
VOLVO VDS-4.5

Engine cleanliness

Oxidation resistance

Shear stability



## APPLICATIONS

**PALLAS 900 10W40** has been specially elaborated to meet the most severe requirements of professional diesel 4 stroke engines, especially in terms of low emission and very long drain periods.

**PALLAS 900 10W40** has been formulated to meet the various post-treatment technologies (DPF and/or SCR), recommended for low emission engines meeting the EURO VI, allowing a reduction in greenhouse gas emissions

**PALLAS 900 10W40** allows, **under normal analytical control**, drain periods up to **150 000 km** (according to the manufacturers requirements), in intensive service conditions.

**PALLAS 900 10W40** is recommended for VOLVO group engines requiring VDS-4.5 and API CK-4 standards due to the exceptional performance of the additives used.

## BENEFITS

Manufactured with synthetic base oils, **PALLAS 900 10W40** offers :

- a remarkable thermal stability,
- an excellent oxidation resistance allowing to increase oil change intervals
- an extreme shearing stability, ensuring its SAE 10W40 grade preservation.

Moreover, the original technology of additives used in **PALLAS 900 10W40** allows:

- a high anti-wear protection,
- an unequalled cleanliness of pistons,
- an exceptional protection against bore polishing phenomenon, while being compatible with post-processing (EGR, SCR, DPF,...).



PERFORMANCES

**APPROVALS**  
Approval certificates available on request

DAIMLER TRUCK DTFR 15C110  
DEUTZ DQC IV-18-LA  
MACK EO-S 4.5  
RENAULT VI RLD-3  
VOLVO VDS-4.5

**PERFORMANCE LEVELS**

ACEA 2016 : E6, E7, E9  
ACEA 2022 : E8, E7, E11  
API CK-4  
  
CATERPILLAR ECF 3  
CUMMINS CES 20081 / 20086  
DETROIT DIESEL 93K218 / 93K222  
IVECO 18-1804 TLS E9  
JASO DH-2  
MAN M 3477 / M 3775  
MB 228.31/228.51/228.52  
MB 235.28  
MTU Type 3.1  
VOITH Class B

Suitable for EURO VI engines from IVECO and DAF manufacturers requiring ACEA E6 in 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
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	14.5
Viscosity index	-	NF T 60-136	148
Dynamic viscosity at -25°C	mPa.s	ASTM D 5293	6674
Pour point	°C	NF T 60-105	-42
Flash point	°C	NF T 60-118	222
Sulfated ash content	% weight	NF T 60-143	1.0
Phosphorous content	% weight	ASTM D 5185	0.07
TBN	mg KOH/g	ASTM D 2896	10.9

*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.

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