



# PALLAS 725 15W40

S.H.P.D. SEMI-SYNTHETIC LUBRICANT FOR LOW EMISSION DIESEL ENGINES



## INDUSTRIAL VEHICLES RANGE

ENGINE  
SEMI-SYNTHETIC  
SAE 15W-40

Mineral

Semi-  
synthetic100%  
synthetic

## STANDARDS AND SPECIFICATIONS

ACEA 2022 : E11, E7  
API CK-4, SN  
MAN M 3775 / M 3575  
DAIMLER TRUCK DTFR 15C100  
MACK EOS 4.5  
VOLVO VDS 4.5

Engine cleanliness

Oxidation resistance

Shear stability



## APPLICATIONS

**PALLAS 725 15W40** was specially elaborated to meet the most severe requirements of most recent diesel 4 stroke engines, in terms of pollutants emission reductions (carbon monoxide, nitrogen oxides, unburned hydrocarbon and particles).

**PALLAS 725 15W40** is particularly suitable to engines with **DPF** (particles strainer) and is recommended for low emission engines meeting the EURO V and EURO VI classifications.

**PALLAS 725 15W40** is recommended for "off-road" vehicles: site machinery, public works...

## BENEFITS

**PALLAS 725 15W40** is a S.H.P.D. oil (Super High Performances Diesel).

Manufactured with mineral base oils with very low sulphur content and with an original technology of additives, **PALLAS 725 15W40** 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 (vehicles avec AdBlue®), DPF,...).**



## PERFORMANCES

**APPROVALS**  
Approval certificates  
available on request

Mack EOS-4.5  
RENAULT VI RLD-3  
VOLVO VDS 4.5  
DAIMLER TRUCK DTFR 15C100

### PERFORMANCE LEVELS

ACEA 2016 : E9, E7  
ACEA 2022 : E11, E7  
API CK-4, SN

ALLISON TES 439  
CAT ECF 3  
CUMMINS CES 20086  
DETROIT DIESEL DFS 93K222  
DEUTZ DQC III-18 LA  
FORD WSS-M2C171-F1  
JASO DH-2  
MAN M 3775 / M 3575  
MB 228.31  
MTU Type 2.1

## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	15W-40
Density at 20°C	-	NF T 60-101	870
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	108
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	14,9
Viscosity index	-	NF T 60-136	137
Dynamic viscosity at -20°C	mPa.s	ASTM D 5293	5 536
Pour point	°C	NF T 60-105	-42
Sulfated ash content	% weight	NF T 60-143	1.0
Phosphorous content	% weight	ASTM D 5185	0.09
Sulphur content	% weight	ASTM D 5185	0.30
TBN	mg KOH/g	ASTM D 2896	9,7

*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.