

# Pallas 900 5W30

U.H.P.D. 100 % SYNTHETIC OIL  
FOR LOW EMISSION DIESEL ENGINES

263604/06.14

Rev. 9

## **DESCRIPTION & APPLICATIONS**

Formulated with synthetic base oil, PALLAS 900 is an engine oil of the UHPD level (Ultra High Performance Diesel) who has natural multigrade characteristics and an exceptional ability to withstand very high temperatures. Its unshearable grade is guaranteed throughout the whole term of service.

PALLAS 900 has been specially developed to meet the most stringent diesel 4 stroke specifications, particularly those that meet the Euro 3 up to Euro 6 levels with particulate filter (DPF = Diesel Particle Filter) and those using SCR technology with the AdBlue additive.

This in the most severe operating conditions in either transport or public works.

## **ADVANTAGES**

- The synthetic characteristics of PALLAS 900 provide:
  - A remarkable chemical and thermal stability with excellent resistance to oxidation and hence optimum protection of the engine (piston cleanliness and protection against the bore polishing of cylinders).
  - The possibility of extending drain intervals up to 100,000 km, depending on conditions of use (follow-up by oil analyses is strongly recommended).
- The very high shear stability of PALLAS 900 gives this oil a constant viscosity during its time of service, and ensures a longer engine life due to its high protection against wear.

## **PERFORMANCES**

Satisfies to the following specifications:

ACEA E4-99 issue 3  
ACEA E6-08/E7-08  
ACEA E9-08 issue 2  
API CF4/CJ-4  
DAF HP-2  
DEUTZ DQC IV-LA  
MACK EO-N  
MAN 3271.1/3277/3477  
MTU TYPE 3.1  
MB 228.51  
RGD  
RVI RLD-2/RXD  
Volvo VDS 3  
SCANIA Low Ash

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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	-	-			
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101			
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100			
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100			
Viscosity index	-	NFT 60136			
Dynamic viscosity at -25°C	mPa.s	ASTM D 2602			
Flash point (PMCC)	°C	ASTM D 93			
Pour point	°C	NFT 60105			
Noack evaporation loss	% weight	CEC-L-40-T-87			
Sulphated ash content	% weight	NF T 60143			
TBN (Total Base Number)	mg KOH/g	ASTM D 2896			
Product number	-	-			

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA		
SAE grade	-	-	5W30		
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101	861		
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	66		
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100	11,4		
Viscosity index	-	NFT 60136	167		
Dynamic viscosity at -30°C	mPa.s	ASTM D 5293	5840		
Flash point (PMCC)	°C	ASTM D 93	211		
Pour point	°C	NFT 60105	-39		
Noack evaporation loss	% weight	CEC-L-40-T-87	10,5		
Sulphated ash content	% weight	NF T 60143	1,01		
TBN (Total Base Number)	mg KOH/g	ASTM D 2896	9,4		

*The average values are given for information only.*