

# Medos 650 15W40

HIGH PERFORMANCE SHPD OIL FOR DIESEL  
ENGINES IN TRANSPORT AND PUBLIC WORKS

263544/12.17

Rev. 1

## **DESCRIPTION & APPLICATIONS**

MEDOS 650 15W40 is a SHPD (Super High Performances Diesel) and has been specially elaborated to deal with the most severe requirements of Diesel 4 stroke engines turbo charged for transport or Public works.

MEDOS 650 15W40 is most particularly recommended for low emission engines in conformity with EURO III norm

MEDOS 650 15W40 is suitable for the lubrication of Diesel engines using low-sulphur Diesel fuel, mostly met on equipments in Public works, on severe conditions of charge and service, and needing API CH-4 and/or CI-4 levels.

## **ADVANTAGES**

- Allows drain periods up to 40000 km, under analytical control
- Large viscosity range ensuring an exceptional engine lubrication in all climatic conditions and very good protection against the phenomenon of "bore polishing"

## **PERFORMANCES**

Satisfies to the following specifications:

ACEA A3/B3 -12  
ACEA E5/E7-12  
ALLISON C4  
API CF/CI4  
CAT ECF 1  
CUMMINS CES 20077  
GLOBAL DHD-1  
MAN 3275  
MACK EO-M+  
MB 228.3  
MTU-category 2  
RVI RLD  
SCANIA LDF  
Volvo VDS 3

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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.

Conservation of the product: 3 year(s) in closed container and sheltered.

## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	15W40
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101	875
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	115
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100	14,5
Viscosity index	-	NFT 60136	127
Dynamic viscosity at -20°C	mPa.s	ASTM D2602	6060
Flash point (PMCC)	°C	ASTM D 93	224
Pour point	°C	NFT 60105	-30
Noack evaporation loss	% wheight	CEC-L-40-T-87	8,2
Sulphated ash content	% wheight	NF T 60143	1,5
TBN (Total Base Number)	mg KOH/g	ASTM D 2896	9

*The average values are given for information only.*