

# MEDOS 650 20W50

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

120065/12.17

Rev. 2

## **DESCRIPTION & APPLICATIONS**

MEDOS 650 20W50 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 20W50 is most particularly recommended for low emission engines in conformity with EURO III norm

MEDOS 650 20W50 is suitable for the lubrication of Diesel engines using low-sulphur Diesel fuel, mostly met on equipment in Public works, on severe conditions of charge and service, and needing API CH-4 and/or CI-4 levels.

## **ADVANTAGES**

- The high viscosity grade SAE 20W50 is specially suited for engines with a tendency to a more than normal oil consumption.
- Allows drain periods up to 40000 km, under analytical control

## **PERFORMANCES**

Satisfies to the following specifications:

ACEA A3/B3 -12

ACEA E5

ALLISON C4

API CI4

CAT ECF 1

MAN 3275

MB 228.3

SCANIA LDF

Volvo VDS 2

# MEDOS 650 20W50

## 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	-	-	20W50
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101	880
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	184
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100	19,7
Viscosity index	-	NFT 60136	122
Dynamic viscosity at -15°C	mPa.s	ASTM D2602	8775
Flash point (PMCC)	°C	ASTM D 93	235
Pour point	°C	NFT 60105	-26
TBN (Total Base Number)	mg KOH/g	ASTM D 2896	8,3

*The average values are given for information only.*