

# MEDOS 700

HIGH PERFORMANCE OIL  
FOR BIG AND RECENT DIESEL ENGINES

120040/01.24

Rev. 12

## DESCRIPTION & APPLICATIONS

MEDOS 700 is a S.H.P.D. (Super High Performances Diesel) oil which is formulated using carefully selected base oils and additives to meet the requirements of the newest technologies of the heavy 4 stroke diesel engines.

MEDOS 700 complies with the ACEA E7 standard and is especially adapted for the lubrication of the generation Euro 4 engines equipped with EGR system (Exhaust Gas Recirculation) and systems for reducing emissions of NOx (nitric oxide).

Is not recommended for systems with particulate filters (DPF). Please consult the manufacturers manual.

In Transport:

MEDOS 700 15W40 is specially designed to meet the stringent requirements of diesel engines for professional use.

In Public Works:

MEDOS 700 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 the API CI4 level.

Approvals

MB DTFR 15B110

MACK EO-N

MTU Type 2

Renault VI RLD-2

Volvo VDS 3

## ADVANTAGES

- An exceptional protection against the phenomenon of « bore polishing »,
- Enhanced detergency and dispersion properties to counteract the soot formation.
- A perfect anti-wear power prolonging engine's life,
- A large viscosity range ensuring an exceptional engine lubrication in all climatic conditions,

# MEDOS 700

## PERFORMANCES

Satisfies to the following specifications:

ACEA E7-12/E3/E5  
ACEA A3/B3 -12  
API CI4/SL  
BAUDOUIN ENGINES  
CAT ECF 1a  
CAT ECF-2  
CUMMINS CES 20076/20077  
Deutz DQC III-10  
GLOBAL DHD-1  
IVECO  
JASO DH-1  
KOMATSU KES07.851.1  
MACK EO-M+/EO-N  
MAN 3275-1  
MB 228.3/229.1  
MTU-category 2  
RVI RLD-2  
Volvo VDS 3  
ZF-TE-ML 07C

## 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.

# MEDOS 700

## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	15W40
Density at 15°C	kg/m³	NFT 60101	870
Kinematic viscosity at 40°C	mm²/s (cSt)	NFT 60100	105
Kinematic viscosity at 100°C	mm²/s (cSt)	NFT 60100	14,1
Viscosity index	-	NFT 60136	136
Dynamic viscosity at -20°C	mPa.s	ASTM D2602	6166
Flash point (PMCC)	°C	ASTM D 93	224
Pour point	°C	NFT 60105	-30
Noack evaporation loss	% weight	CEC-L-40-T-87	11,5
Sulphated ash content	% weight	NF T 60143	1,33
TBN (Total Base Number)	mg KOH/g	ASTM D 2896	9,3
Product number	-	-	120040

*The average values are given for information only.*