

# MOL Dynamic Global Diesel 10W-40

## multigrade diesel motor oil



MOL Dynamic Global Diesel 10W-40 is a partially synthetic, extra high performance, low ash engine oil, developed for commercial vehicles fitted with the latest exhaust gas treatment equipment. It meets the requirements of the wide range of performance levels of engine manufacturers, together with the most stringent US and European specifications for diesel engine oils. It is particularly recommended for motor vehicles that are manufactured with exhaust gas purification systems complying with emission requirements of the Euro IV, Euro V and Euro VI standards.

### Application



Commercial vehicles equipped with EGR control, an SCR system and a diesel particulate filter (DPF) and/or a diesel oxidation catalyst (DOC)

Commercial vehicle engines operating on low and ultra low sulfur fuel

Conventional high performance naturally aspirated or turbocharged commercial vehicles

Commercial vehicle engines operating at low and high speeds

Short and long haul bus and commercial vehicle engines

Engines in mining, construction and agricultural machines, of equipment used for moving materials

Railway and ship diesel engines operating at low speed and high load

### Features and benefits

Outstanding cold flow properties

Low ash content

Low oil consumption

Excellent soot handling

Excellent shear stability

Exceptional thermal and oxidation stability

High-level reserve of alkalinity

Reliable start-up and operation, even at extremely low temperatures

Guarantees long lifetime of exhaust gas aftertreatment devices

Less top-up, giving an economical operation

Protection against soot deposits and bore polishing

Maintains its favourable properties for a long period even under heavy loads and shear stresses

Perfect protection against sludge formation and sedimentation

Persistent acid neutralization, giving a long oil drain interval

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## Specifications and approvals

Viscosity grade: SAE 10W-40  
*Cummins CES 20081*  
*Cummins CES 20086*  
*Deutz DQC III-10LA*  
ACEA E9-12  
API CK-4  
API CJ-4/SM  
API SN  
Ford WSS-M2C171-F1  
MAN M 3575  
Volvo VDS-4  
Volvo VDS-4.5  
Renault RLD-3  
Renault RLD-4  
MTU Type 2.1  
Caterpillar ECF-1a  
Caterpillar ECF-2  
Caterpillar ECF-3  
MACK EO-O Premium Plus  
MACK EO-S-4.5  
DDC 93K218  
Detroit Diesel DFS 93K222

## Properties

Properties	Typical values
Density at 15°C [g/cm <sup>3</sup> ]	0,862
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	107,7
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	15,5
Viscosity index	152
Pour point [°C]	-36
Flash point (Cleveland) [°C]	230
Base number (BN) [mg KOH/g]	8,5

The characteristics in table are typical values of the product and do not constitute a specification.

## Storage and handling instructions

Store in the original container in dry, properly ventilated area. Keep away from direct flame and other sources of ignition. Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

Engine oils are finished lubricant formulations where additional additives are unnecessary and may result in unforeseeable adverse effects. The manufacturer and distributor shall not be held liable for such possible damages.

In the original container under the recommended storage conditions: 60 months

Recommended storage temperature: max. 40°C

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### Ordering information

Custom Tariff Number 27101981

#### SAP code and packaging:

13009345	MOL Dynamic Global Diesel 10W-40 47KG	60 l steel drum
13009399	MOL Dynamic Global Diesel 10W-40 170KG	216.5 l steel drum

#### Order booking:

Please contact your local distributor or sales partner for ordering details.