

# MOL Dynamic Mistral 5W-30

## synthetic diesel motor oil



MOL Dynamic Mistral 5W-30 is a premium performance fully synthetic fuel saving engine oil with very low ash, sulphur and phosphorous content, developed for state-of-art high performance commercial vehicles. It retains its excellent properties even at consistently high engine temperatures, as a result of the high oxidation stability of the synthetic oils, so it ensures perfect protection of the engine even for the longest oil change intervals. 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 the 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

Short and long haul bus and commercial vehicle engines

Engines in mining, construction and agricultural machines

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

### Features and benefits

Low ash content

Guarantees long lifetime of exhaust gas aftertreatment devices

Extremely long oil lifetime

Frequency of downtimes, operational costs, and environmental impact can be reduced

Fuel-saving formulation

Using it enables reduced operational cost and emission of harmful substances

Low volatility

Lowers engine oil consumption and reduces the emission of harmful substances

Extreme cold flow properties

Provides easy start-up, even in extreme cold, to extend the life of the car battery

Excellent soot handling

Protection against soot deposits and bore polishing

Exceptional thermal and oxidation stability

Reduces the formation of sludge at low temperatures and of deposits at high temperatures

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### Specifications and approvals

Viscosity grade: SAE 5W-30  
*MB-Approval 228.51*  
*MAN M 3677*  
*Volvo VDS-4*  
*Scania LDF-4*  
*Renault RLD-3*  
*MACK EO-O Premium Plus*  
*Voith Oil class B*  
ACEA E9  
ACEA E7  
ACEA E6  
API CJ-4  
API SN  
JASO DH-2  
MAN M 3477  
MAN M 3271-1  
Volvo CNG  
Volvo VDS-3  
Renault RXD  
MTU Type 3.1  
Caterpillar ECF-3  
DDC 93K218  
Deutz DQC IV-10LA

### Properties

Properties	Typical values
Density at 15°C [g/cm <sup>3</sup> ]	0,855
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	69,2
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	11,9
Pour point [°C]	-40
Flash point (Cleveland) [°C]	220
Base number (BN) [mg KOH/g]	10.0

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