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

Manufactured and distributed by MOL-LUB Ltd., 2931 Almásfüzitő, Fő út 21.
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Specifications and approvals

Viscosity grade: SAE 5W-30
DTFR 15C110 (ex MB 228.51)
Scania LDF-4
Voith Oil class B
ACEA E9
ACEA E7
ACEA E6
API CJ-4
API CK-4
API SN
JASO DH-2
MAN M 3477
MAN M 3271-1
MAN M 3677
Volvo CNG
Volvo VDS-3
Volvo VDS-4
Renault RLD-3
Renault RXD
MTU Type 3.1
Caterpillar ECF-3
MACK EO-O Premium Plus
DDC 93K218
Deutz DQC IV-10LA

Properties

Properties	Typical values
Density at 15°C [g/cm3]	0,855
Kinematic viscosity at 40°C [mm2/s]	69,2
Kinematic viscosity at 100 °C [mm2/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

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