

MOL Dynamic Tornado 5W-30

synthetic diesel motor oil



MOL Dynamic Tornado 5W-30 is a fully synthetic fuel saving engine oil produced using a complex additive system that ensures a super long oil change interval, 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 properties of the synthetic oils, and it ensures maximum protection of the engine even for the longest oil change intervals. Due to its unique base oil composition, it provides reliable performance even in extreme climatic conditions. 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 Euro III, as well as for Euro IV and Euro V commercial vehicle engines which do not have a diesel particulate filter.

Application



Commercial vehicles and buses equipped with EGR and SCR systems

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, of equipment used for moving materials

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

Features and benefits

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

Extreme cold flow properties

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

Excellent shear stability

Preserves its rheological properties even under severe operating conditions and high temperatures

Low volatility

Lowers engine oil consumption and reduces the emission of harmful substances
Economical operation

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 228.5
MAN M 3277
Volvo VDS-3
Renault RLD-2
ACEA E7-12
ACEA E4-12
API CF
Scania LDF-3
DAF
MTU Type 3
Cummins CES 20077
IVECO
Deutz DQC IV-10
Iveco 18-1804 FE

Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,860
Kinematic viscosity at 40°C [mm ² /s]	75,2
Kinematic viscosity at 100 °C [mm ² /s]	11,8
Viscosity index	152
Pour point [°C]	-45
Flash point (Cleveland) [°C]	225
Base number (BN) [mg KOH/g]	15,5

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 34031980

SAP code and packaging:

13008169	MOL Dynamic Tornado 5W-30 10LA	10 l plastic can
13008173	MOL Dynamic Tornado 5W-30 47KG	60 l steel drum
13008170	MOL Dynamic Tornado 5W-30 170KG	216.5 l steel drum

Order booking:

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