

MOL Dynamic Transit 20W-50

universal motor oil



MOL Dynamic Transit 20W-50 is a high viscosity diesel engine oil containing mineral oils produced with modern oil refining processes, using a balanced system of additives that ensures high engine oil performances in automobiles and in commercial motor vehicles. It includes components that modify the flow characteristics. It meets the requirements of the wide range of performance levels of engine manufacturers, as well as 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

Mixed vehicle fleet

Conventional gasoline or diesel, naturally aspirated or turbocharged commercial vehicles and passenger cars

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

Universal

Wide range of applicability enables reduction of the number of lubricating oils

Exceptional thermal and oxidation stability

Resists the ageing process and deposit formation, even at high operating temperatures, giving long oil lifetimes and reduced maintenance costs

Excellent shear stability

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

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

High-level reserve of alkalinity

Persistent acid neutralization, giving a long oil drain interval

Excellent soot handling

Protection against soot deposits and bore polishing

High operational viscosity

Reduces oil consumption and improves internal sealing of the engine

Good lubricating film strength

Stable load-carrying lubricating film even in heavily worn, older engines

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Specifications and approvals

Viscosity grade: SAE 20W-50
ACEA E7-08 Issue 2
API CH-4
API CF
API SJ
MAN M 3275-1
Volvo VDS
Caterpillar ECF-1a

Properties

Properties	Typical values
Appearance	bright, clear
Density at 15°C [g/cm ³]	0,890
Kinematic viscosity at 40 °C [mm ² /s]	170,9
Kinematic viscosity at 100 °C [mm ² /s]	18,7
Pour point [°C]	-33
Flash point (Cleveland) [°C]	230

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