

# **Record Energy SHPD 15W40** *universal motor oil*

## **Product benefits**

- can be used for mixed vehicle fleets
- suitable for modern diesel and gasoline engines
- longer engine life
- outstanding wear protection
- suitable for Euro III, Euro IV and Euro V heavy duty engines

## **Applications**

Record Energy SHPD 15W40 is universal engine oil, suitable to lubricate Euro III, Euro IV and Euro V - without DPF- heavy duty diesel engines, modern gasoline and diesel passenger cars, off-highway and earth moving machines.

MOL Dynamic Transit 15W-40 is universal engine oil. It can be used beneficially for mixed fleets.

It meets the requirement of the advanced performance level of European heavy-duty engine oils. It provides long lifetime and excellent wear protection for the engines.

The product is an ideal lubricant for all modern high load diesel fleets with EGR and SCR systems.

Suitable for European and American heavy duty commercial vehicles and railroad diesel engines.

According to its original engine manufacturer's approvals, in long haul operation it provides 60 000 km or - in some cases - even longer oil drain intervals.

In other engine types the possibility of extension of the oil drain interval depends on engine design, operation and technical condition. For the exact definition, please contact our consultants in tribology.

## **Specifications and approvals**

ACEA E7-12  
API CI-4/SL  
Global DHD-1  
MB 228.3  
MAN M 3275-1  
Volvo VDS-3  
Tatra TDS 30/12  
Renault RLD-2  
MTU Type 2  
Caterpillar ECF-2  
MACK EO-M Plus  
Deutz DQC III-10  
KAMAZ  
Mack EO-N

## **Product description**

Record Energy SHPD 15W40 is produced from highly refined mineral oils using modern refining technologies with multi-purpose, well-balanced additive system (detergent/dispersant, antiwear, antioxidant, anticorrosive, antifoam and acid neutralising agents) as well as components for the favourable flow properties.

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**Typical properties**

Properties	Typical values
Density at 15°C [g/cm <sup>3</sup> ]	0,885
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	109
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	14,8
Viscosity index	137
Pour point [°C]	-36
Flash point (Cleveland) [°C]	225
Base number (BN) [mg KOH/g]	10,7
Sulphated ash [mass %]	1,32

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.

Gear 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.

Shelf life in the original container under the recommended storage conditions: 60 months

Recommended storage temperature: max. 40°C