



## **AUTOMOTIVE LUBRICANTS**

### **MOL Farm Protect E9 15W-40**

*multigrade diesel motor oil*

#### **Product benefits**

- extra high performance and long engine life
- moderate ash content and low emission
- extended drain interval and low operating costs
- compatible with DPF and DOC aftertreatment systems
- reduces oil consumption
- provides maximum sludge and varnish control
- outstanding BN retention and corrosion protection
- stay-in-grade shear stability and excellent wear protection
- superior soot handling control and engine cleanliness
- especially recommended for high performance turbo-charged and conventional naturally aspirated diesel engines

#### **Applications**

MOL Farm Protect E9 15W-40 is a super high performance diesel engine oil for the most turbo-charged and naturally aspirated diesel powered off-highway machines.

This product provides the highest level of protection in tractors, combines, heavy-duty trucks and other diesel engines.

Especially recommended for modern, high output, low emission diesel engines equipped with Exhaust Gas Recirculation (EGR), Diesel Particulate Filter (DPF) and Diesel Oxidation Catalysts (DOC).

Suitable for European and American heavy duty diesel engines used in the agriculture.

This product meets the latest API and ACEA industry specifications for heavy-duty diesel engine oils. It is fully backwards compatible and provides adequate performance in conventional engines.

Delivers long drain capability whilst protecting the exhaust gas aftertreatment systems. If the OEM specification allows a drain interval 500 hours can be reached.

MOL Farm Protect E9 engine oil helps fulfilling EPA Tier 4F (USA) and Stage IV (Europe) off-road emission regulations.

#### **Specifications and approvals**

Viscosity grade: SAE 15W-40

ACEA E9-08 Issue 2

ACEA E7-08 Issue 2

API CJ-4/SM

API CI-4 Plus

API CI-4

MAN M 3275

MAN M 3575

Volvo VDS-3

Volvo VDS-4

Renault RLD-3

Caterpillar ECF-2

Caterpillar ECF-3

Cummins CES 20081

MACK EO-N Premium Plus

MACK EO-O Premium Plus

DDC 93K218

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## **MOL Farm Protect E9 15W-40**

*multigrade diesel motor oil*

### **Product description**

MOL Farm Protect E9 15W-40 multigrade diesel engine oil is produced from highly refined, extra high performance mineral base oils with an ultimate, most modern complex additive system for use in most modern agricultural vehicles fitted with advanced aftertreatment systems for the reduction of particulate matter (DPFs) and the oxides of nitrogen (EGR and/or SCR).

Due to its outstanding performance MOL Farm Protect E9 15W-40 protects the engine components even within the most severe conditions.

### **Typical properties**

Properties	Typical values
Density at 15°C [g/cm <sup>3</sup> ]	0,875
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	119
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	15,4
Viscosity index	135
Pour point [°C]	-36
Flash point (Cleveland) [°C]	225

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

Inflammability hazard: Grade IV.

Recommended storage temperature: max. 40°C