

# PRODUCT INFORMATION



*Lubricants - Engine Oil - Heavy Duty Engine Oils*

Version: 106/08a

## **Valvoline™ HD Engine Oil SAE 10W**

*Proven performance for heavy-duty applications*

Valvoline HD Engine Oil SAE 10W is a premium conventional, heavy-duty motor oil, for use in gasoline and diesel engines where the engine manufacturer recommends a single grade motor oil.

### **Performance levels**

API: CF

### **Applications**

Suitable for heavy-duty engines where single grade motor oils are recommended.

Specially engineered for use in service fleets where it helps prevent formation of sludge caused by frequent stop-and-go driving.

Can also be used, in some cases, as hydraulic oil or gear oil where specified by the manufacturer of the machine.

Can be used as hydraulic oil with the ISO 32 qualification.

### **Features & Benefits**

#### **Wear protection**

Strong oil film protects the engine against wear and corrosion.

#### **Engine cleanliness**

The unique formulation prevents deposit formation and protects against soot build-up.

#### **Breakdown resistance**

Thermal and Oxidation stable oil film.

#### **Multiple uses**

Use as engine oil, or (with qualification) hydraulic oil and/or gear oil.

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## Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit [www.valvolineeurope.com](http://www.valvolineeurope.com)

## Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

HD Engine Oil	
<b>SAE Viscosity Grade</b>	10W
<b>Viscosity, mm<sup>2</sup>/s @ 100 °C.</b> ASTM D-445	6,5
<b>Viscosity, mm<sup>2</sup>/s @ 40 °C.</b> ASTM D-445	39
<b>Viscosity Index</b> ASTM D-2270	118
<b>Viscosity, mPa.s -25°C.</b> ASTM D-5293	<7000
<b>TBN, mg KOH/g</b> ASTM D-2896	7,2
<b>Pour Point, °C</b> ASTM D-5949	-42
<b>Specific Gravity @ 15.6°C.</b> ASTM D-4052	0,868
<b>Flash Point, COC, °C.</b> ASTM D-92	218

**This information only applies to products manufactured in the following location(s):  
Europe**

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## Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://msds.valvoline.com>

## Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

## Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 106/07a