

Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.



Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 106/05a

Valvoline™ HD Engine Oil SAE 10

Proven performance for heavy-duty applications

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

Approvals/Performance levels

SAE 10W
API CF-4/SG
Caterpillar TO-2

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.

Suitable for older Caterpillar TO-2 transmissions and for industrial gearboxes with the ISO 32 standard.

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

Features and 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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Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

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

Typical Properties

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

SAE Viscosity Grade	10W
Viscosity, mm²/s @ 100 °C. ASTM D-445	6.6
Viscosity, mm²/s @ 40 °C. ASTM D-445	39
Viscosity Index ASTM D-2270	121
Viscosity, mPa.s -25°C. ASTM D-5293	<7000
TBN, mg KOH/g ASTM D-2896	6.4
Pour Point, °C ASTM D-5950	-36
Specific Gravity @ 15.6°C. ASTM D-4052	0.878
Flash Point, COC, °C. ASTM D-92	210

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

People Who Know, Use Valvoline™

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 including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; 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.valvolineurope.com

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Replaces – 106/04

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