

Product Information

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



Lubricants – Industrial oils.

Version: 402/05b

Ultramax HVLP 46

Premium hydraulic oil formulated for industrial and earth moving equipment.

This range of high viscosity index (VI) hydraulic oils offers superior anti-wear protection and heavy-duty service performance even in extreme climatic conditions.

Performance levels

ISO 46
DIN 51524 (part 2)
Sperry Vickers M-2950-S/I-286-S
ASTM D6158 HM (2005)
Parker Denison HF-0 (Revision J)
Eaton brochure 03-401-2010
ISO 11158 HM (FDIS 2008)
JCMAS HK P041 (2004)
MAG IAS P-70
GM LS2 (2004)
US Steel 126, 127, 136
Bosch Rexroth RDE90240
Fives Cincinnati P-68 (ISO 32).
SAE MS 1004

Applications

Applications include off-highway equipment subjected to high and low temperatures like hydraulic systems of industrial and earth moving equipment.

Hydraulic cranes and lifts,
Loaders, reach trucks, forklifts,
Excavators, dumpers.

Loading ramps,
Tailboards.

Hydraulic systems working in very cold or very warm circumstances:
Forklifts in freezing warehouses.
Lifts in high buildings.
Hydraulic steering cabin of a ship.

Available in 32, 46, 68

Features and Benefits

Superior performance

The Ultramax HVLP range is formulated with premium quality mineral base oils and specially selected additives to guarantee a very low pourpoint, excellent oxidation stability and good flow characteristics.

Superior protection

The Ultramax HVLP hydraulic oil has a high load-carrying capacity and provides good protection against corrosion, foaming, and sludge building,

Good anti-wear performance - prevents wear of internal components and reduces downtime

Consistent viscosity

Excellent viscosity-temperature properties at very high and very low temperatures. Stable viscosity over a long period.
Available in a variety of ISO viscosity grades

Severe working conditions

Ultramax HVLP hydraulic oils can even be used in unfavorable working conditions, like roadbuilding and mining or work in damp conditions.

The product can handle small quantities of penetrating dust or water and resists foaming, caused by access of air via leaking seals.

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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 Safety Data Sheet (SDS) 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.

Ultramax HVLP 46	
Colour	yellow
Viscosity, mm ² /s @ 100 °C. ASTM D-445	8,1
Viscosity, mm ² /s @ 40 °C. ASTM D-445	46
Viscosity Index ASTM D-2270	148
TAN; mg KOH/g ASTM D-664	0,6
Pour Point, °C ASTM D-5950	-45
Specific Gravity @ 15.6°C. ASTM D-4052	0,858
Flash Point, COC, °C. ASTM D-92	225

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

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 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.valvolineeurope.com

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