



Mobil Hydraulic 10W

High Performance Hydraulic Oil

Product Description

Mobil Hydraulic 10W is a high performance hydraulic oil formulated from advanced base oils and a balanced additive system designed to satisfy a wide range of heavy-duty hydraulic equipment requirements. This product is specifically engineered using an effective balance of ashless dispersants and metallic detergents combined with inhibitors to control oxidation, wear, corrosion and rust. Mobil Hydraulic 10W can be used in a wide range of on and off-highway hydraulic applications.

Features and Benefits

Mobil Hydraulic 10W delivers excellent performance in a wide range of hydraulic systems and components using various multi-metal designs. The product also provides effective low and high ambient temperature performance due to high viscosity index. Its' excellent oxidation resistance delivers good performance at higher temperatures and extended operating intervals. High levels of anti-wear protection result in extended equipment life and fewer breakdowns. Mobil Hydraulic 10W is compatible with other engine oils in case of unplanned mixtures. The key benefits include:

Features	Advantages and Potential Benefits
Good protection against oil thickening, high temperature deposits, varnish, and oil degradation	Cleaner hydraulic systems Less wear especially in vanes and control valves Protects against vane sticking Extends drain intervals with oil analysis
Good anti-wear protection	Reduces premature wear and extends equipment life
Wide temperature range performance	Reduces wear at cold start-up temperatures Effective lubrication film strength at high temperatures
Protects against rust and corrosion	Longer equipment life and lower maintenance costs

Applications

Recommended by ExxonMobil for use in:

- Hydraulic systems and components used in conjunction with equipment from leading American, European, and Japanese manufacturers
- Hydraulic systems where wide ambient temperatures are encountered
- Hydraulic systems containing gears and bearings where good anti-wear properties are required
- On and off-highway industries including: trucking, construction, mining, quarrying, and agriculture

Specifications and Approvals

Mobil Hydraulic 10W meets or exceeds the requirements of the following industry specification:

Vickers 35VQ25

X

Mobil Hydraulic 10W is recommended by ExxonMobil for use in applications requiring:

API CC/SC	X
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Typical Properties

Mobil Hydraulic 10W

SAE Grade	10W
Viscosity, ASTM D 445	
cSt @ 40°C	39.2
cSt @ 100°C	6.3
Viscosity Index, ASTM D 2270	109
Sulfated Ash, wt%, ASTM D 874	0.8
Total Base # , mg KOH/g, ASTM D 2896	7.3
Pour Point, °C, ASTM D 97	-33
Flash Point, °C, ASTM D 92	226
Density @ 15°C kg/l, ASTM D 4052	0.88

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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ExxonMobil Asia Pacific Pte Ltd
 Jakarta Representative Office
 Wisma GKBI 27th Floor
 Jl. Jenderal Sudirman No. 28
 Jakarta 10210
 Indonesia

+62 21 574 0707

<http://www.exxonmobil.com>

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

