# Mobil™ Hydraulic 10W

Mobil Commercial Vehicle Lube , Algeria

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<br>Less wear especially in vanes and control valves<br>Protects against vane sticking<br>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<br>Effective lubrication film strength at high temperatures |
| Protects against rust and corrosion | Longer equipment life and lower maintenance costs |

## Applications

- Hydraulic systems and components used in conjunction with equipmen 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

| This product is recommended for use in applications requiring: |
|---|
| API CD |
| API SF |
| Eaton 35VQ25 |

## Properties and Specifications

| Property | |
|---|---|
| Grade | SAE 10W |
| Ash, Sulfated, mass%, ASTM D874 | 0.8 |
| Density @ 15 C, kg/l, ASTM D4052 | 0.88 |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 6.3 |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 39.2 |
| Pour Point, °C, ASTM D97 | -33 |
| Total Base Number, mgKOH/g, ASTM D2896 | 7.3 |
| Viscosity Index, ASTM D2270 | 109 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 226 |

## Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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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

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