Mobil

Mobil Hydraulic 10W

Mobil Commercial Vehicle Lube , Portugal

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

- 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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