Mobil

UNIVIS™ ULTRA

Mobil Industrial , Canada

Multi-Grade Hydraulic Oil

Product Description

UNIVIS™ ULTRA is a premium all season, multi-grade hydraulic fluid, formulated to provide excellent performance over a very wide operating temperature range. U
ULTRA combines the high temperature viscosity characteristics of an all season ISO VG 46 hydraulic oil with the outstanding low temperature fluidity of an ISO V
The resulting very wide operating temperature range makes UNIVIS ULTRA the ideal choice for severe service in stationary and mobile hydraulic equipment in
applications including; oil field operations, mining, forestry, logging and construction.

Features and Benefits

Features	Advantages and Potential Benefits
Outstanding all season viscosity c ontrol	UNIVIS ULTRA is designed to provide start up at temperatures below -40° C, while protecting the pump at operating tempera above 80° C*
Potent anti-wear protection	Protects the pump from mechanical wear, thereby helping to extend pump service life and reduce maintenance costs
Outstanding shear stability	Maintains its viscosity characteristics in severe service, thereby protecting the hydraulic system and providing long service life
Excellent rust and corrosion prote ction	Protects against rust and corrosion related surface degradation, thereby reducing damage and associated repair costs
Control or foam and air	Rapidly releases foam and air, thereby reducing component wear, heat, and cavitation, helping to improve component life.
Rapid Demulsification of water	Sheds water rapidly, helping protect the system from rust and corrosion and protect components from wear.
Excellent oxidation stability	Resists the formation of sludges and varnish, thereby providing a cleaner system and enabling reduced maintenance and long mponent and filter life.

*Based on recommended maximum start up viscosity of 9300 cP and a minimum fluid viscosity requirement of 13° C at normal operating temperature

Applications

- Recommended in stationary and mobile hydraulic systems where the ambient operating conditions vary widely, from very cold to hot.
- Recommended as a general purpose lubricant, where a multi-grade ISO 46 anti-wear type lubricant is recommended, ie: pumps, bearings, circulating systems

Typical Properties

Viscosity	
cSt @ 40° C cSt @ 100° C	43.13 10.44
Viscosity Index	242
Brookfield @-40° C (cP)	7500
Pour Point, °C	-54
Flash Point, °C	196
Rust Protection, 24 hrs.	Pass

Precautions

The products described on this data sheet are manufactured from high quality petroleum base stocks, carefully blended with selected additives. As with all petr products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or v inhalation. Please refer to the Material Safety Data Sheet for further information.

Note: The products described on this data sheet are NOT controlled under Canadian WHMIS legislation.

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 recommenc 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 p 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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Imperial Oil

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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 perfor are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All produc not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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