Mobil

Univis HVI

Mobil Industrial , Canada

High Viscosity Index Hydraulic Fluids

Product Description

UNIVIS™ HVI 13 and 26 have been formulated to provide outstanding viscosity control in applications where ambient temperature can vary widely, from very cold to warm. In addition to their wide operating range, these fluids provide excellent wear protection, potent rust and corrosion protection, rapid foam and air release and outstanding resistance to oxidation. These performance features help to provide the protection required to keep hydraulic systems operating more efficiently over a wide operating temperature range.

Features and Benefits

UNIVIS HVI 13 and 26 are designed to deliver the following features and potential benefits:

Features	Advantages and Potential Benefits
High Viscosity index – wide operating temperature range	Outstanding fluidity for low temperature start-ups, improved viscosity protection for pump components operating at both at low and high temperatures
Effective foam control and air release	Rapid air release, which helps to protect components from cavitation, wear and excess heat
Outstanding oxidation stability	Helps keep components clean and free from sludges and varnishes that reduce hydraulic efficiency and operating life. Can help to extend oil life and reduce maintenance requirements
Excellent protection against rust and corrosion	Helps to improve component life and reduce failures associated with rust and corrosion damage to system components
Potent Anti-Wear protection	Components wear rates are reduced by anti-wear and this can lead to improved component life and reduced maintenance

Applications

- Stationary and mobile hydraulic systems operating in a wide range of ambient temperatures and conditions, indoors and outdoors
- Systems where very reliable cold weather start-up is a critical requirement
- Operations where lubricant consolidation and simplification is required

Properties and Specifications

Property	13	26
Flash Point, Cleveland Open Cup, °C, DIN EN ISO 2592	>100	>100
Kinematic Viscosity @ -40 C, mm2/s, ASTM D445	750	896
Kinematic Viscosity @ -54 C, mm2/s, ASTM D445	4400	
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	5.3	9.3
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	13.5	25.8

Property	13	26
Pour Point, °C, ASTM D97	<-66	-60
Viscosity Index, ASTM D2270	404	375

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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