



TECHNICAL DATA SHEET

Hydraulic HVI Range

Mineral oil based multigrade hydraulic oils

Product code: Refer to table on page 2

Product Description:

The EXOPRO Hydraulic HVI grades are a range of specialist premium quality, very high viscosity index multigrade hydraulic fluids. The economical operation of a hydraulic system is dependent on the correct hydraulic oil being used. The Hydraulic HVI range of hydraulic fluids is manufactured from highly refined base oils which have good oxidation resistance, lowering the possibility of gums and lacquers. They are blended using carefully selected additives and special viscosity index improvers which offer superior viscosity/temperature characteristics. They can be used where extremes of ambient temperatures are encountered.

Benefits:

- High viscosity index
- Excellent low temperature performance
- Incorporates the latest corrosion inhibitors for protection against all forms of corrosion
- Highly shear stable providing stay-in-grade performance
- Good anti-foaming and air release properties
- Rapid water separation
- Exceptional anti-wear performance
- High oxidation resistance and thermal stability

Applications:

The EXOPRO Hydraulic HVI range of hydraulic oils is suitable for a wide range of industrial applications including those where low temperatures are encountered (frozen food stores etc), as well agricultural and construction sectors.

Product Specification:

DIN	51524 part 3, category HVLP 51517 part 3
ISO	6743/4, category HV
Sperry Vickers	M-2950-S I-286-S



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Typical Test Data:

Hydraulic HVI	32	46
Product Code	U401	U402
Specific Gravity @ 15.6°C	0.870	0.882
Kinematic Viscosity @ 40°C (cSt)	32.0	46.0
Kinematic Viscosity @ 100°C (cSt)	6.50	8.40
Viscosity Index	155	156
Flash Point (COC °C)	205	212
Pour Point (°C)	-34	-33

Health and Safety:

Please refer to the safety data sheet, a copy of which is freely available to all of our customers.