

HYDAX AW HVI FLUIDS

Mineral oil based multigrade hydraulic oils

Product code: Refer to table

Product Description:

The Hydax HVI Fluids are a range of specialist premium quality, very high viscosity index multi grade hydraulic fluids. The economical operation of a hydraulic system is dependent on the correct hydraulic oil being used. The Hydax 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 Hydax 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 2
ISO	6743/4, category HV
Sperry Vickers	M-2950-S I-286-S

Typical Test Data:

Hydax HVI	15	22	32	46	68	100
Specific Gravity @ 15.6°C	0.848	0.850	0.870	0.882	0.884	0.888
Kinematic Viscosity @ 40°C (cSt)	15.0	22.0	32.0	46.0	68.0	100.0
Kinematic Viscosity @ 100°C (cSt)	3.90	5.00	6.50	8.40	10.90	15.10
Viscosity Index	154	155	155	156	157	158
Flash Point (COC °C)	150	185	205	212	218	225
Pour Point (°C)	-38	-36	-34	-33	-33	-32

Health and Safety:

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