

PRODUCT DESCRIPTION

Hytec HVI 46 Hydraulic Oil is a HVI petroleum-based fluid recommended for hydraulic systems, transmissions and pumps operating under widely varying conditions and temperatures. The use of specialised viscosity modifiers maintains low temperature fluidity, exceptional film strength and superior power transmission under high temperature operation. Hytec HVI 46 Hydraulic Oil is produced from carefully selected high quality, highly refined Group II hydrocracked base oils. Select additives and shear stable viscosity index improvers provide superior year-round protection in a variety of heavy-duty applications. The product protects equipment from rust and corrosion and provides long-term oxidation stability. Anti-wear agents provide superior protection for all types of hydraulic pumps.

APPLICATIONS & BENEFITS

- Outstanding cold temperature flow properties.
- Viscosity Index Improvers maintain superior power transmission during high temperature operation.
- Anti-wear agents prolong equipment life.
- Superior rust protection and oxidation stability.

PACK SIZES AVAILABLE

5L - 20L - 200L

SPECIFICATIONS

- ASTM D6158 (HM, HV)
- AIST 126, 127
- Bosch Rexroth RDE 90235
- DIN 51524-2 (HM)
- DIN 51524-3 (HV)
- Eaton E-FDGN-TB002-E
- Fives Cincinnati P-70 (HM, HV)
- GB 11118.1-2011 (L-HL, L-HM, L-HV, L-HS)
- GM LS-2
- ISO 11158 (HM, HV)
- JCMAS P041 HK Hydraulic specification
- Parker (formerly Denison) HF-0, HF-1, HF-2 (HM, HV)
- SAE MS 1004 (HM, HV)
- SEB 181222

TYPICAL CHARACTERISTICS

HYTEC HVI 46	UNITS	VALUES
VISCOSITY	cSt @ 40°C	48
	cSt @ 100°C	8.2
SPECIFIC GRAVITY	@ 15°C	0.864
VISCOSITY INDEX		145
POUR POINT	°C	-36
FLASH POINT	°C	212

ADDITIONAL INFORMATION

Designed for New Zealand Conditions | Manufactured from virgin base stocks. For more technical information please contact Vertex Lubricants NZ Technical Dept. +64 9 640 0004. Sheet updated 27 June 2023.