

HYTEC HVI 100

PRODUCT DESCRIPTION

Hytec HVI 100 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 100 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

20L - 200L

SPECIFICATIONS

- Vickers I-286-S
- Bosch Rexroth RE 90 220 and RE 07 075
- ISO Standard 6743 Part 4, Type HV
- DIN 51524 Part 3, HVLP
- GB 11118.1-2011, L-HV
- US Steel 126 and 127

TYPICAL CHARACTERISTICS

HYTEC HVI 100	UNITS	VALUES
VISCOSITY	cSt @ 40°C	101.2
	cSt @ 100°C	14.4
SPECIFIC GRAVITY	@ 15°C	0.872
VISCOSITY INDEX		147
POUR POINT	°C	-32
FLASH POINT	°C	246
COPPER CORROSION	100°C x 3hrs	1a
RUST PREVENTATIVE, SEA WATER	D665	Pass

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.