

HYDRAULIC POWER HV

High performance High VI hydraulic fluids

High performance antiwear hydraulic oils , blended using high quality base oils and additives, to a very high viscosity index for use in hydraulic systems operating at low and widely varying temperatures.

Applications

- Outdoor plants subjected to very cold startup conditions and high temperature continuous running..
- Machine tool hydraulic systems and marine equipment.
- Fork lift operating in and out of cold stores and brick kilns

Performance Features

- Shear stable multi-viscosity characteristics reduce the risk of breakdown in high pressure/high load systems which operate over a wide temperature range.
- Outstanding thermal and oxidative stability
- Outstanding anti-wear performance
- Low filter blocking tendencies
- Sustained performance in the presence of water
- Excellent rust protection
- Good water separation
- Insensitive to contamination by other hydraulic oils

Performance Specifications

Hydraulic Power Oils meet the following performance specifications:

- Dennison HF-0 , HF-1 and HF-2
- Eaton (Vickers) M-2950-S
- Eaton (Vickers) I-286-S
- Bosch Rexroth 90220
- Cincinnati Milacron P-68, P-69, P-70
- DIN 51524 Part III Type HVLP
- ISO 11158 HV Type
- ASTM 6158-05 (HV)

Typical Characteristics

ISO Viscosity Grade		15	22	32	46	68
Kinematic Viscosity @ 40°C	cSt	15	22	32	46	68
Kinematic Viscosity @ 100°C	cSt	3.83	4.93	6.51	8.4	11.4
Viscosity Index		155	156	161	161	162
Pour Point	°C	-42	-42	-42	-39	-33
Flash Point (PMCC)	°C	190	195	195	208	216
Density @ 20°C	kg/l	0.861	0.864	0.868	0.870	0.877