



Avalon HLP

Heavy Duty Hydraulic Oil

TECHNICAL DATA SHEET

Product Description:

Veedol Avalon HLP oils are premium grade anti-wear extreme pressure high viscosity index hydraulic oils with excellent anti-wear, oxidation stability and rust preventive properties.

Performance Specifications:

Meets & exceeds the performance requirements of

- Fives Cincinnati P-68, P-70, P-69
- DIN 51524-2,
- Parker HF-0, HF-1, HF-2
- Bosch Rexroth RE 90235 (Fluid rating list RDE 90245)
- Eaton E-FDGN-TB002-E specification
- Eaton M-2950-S & I-286-S3
- IS: 11656-1986 (Reaffirmed 2018)
- IS: 10522-1983 (Reaffirmed 2019)
- ISO 11158
- SAE MS 1004
- ASTM D 6158
- JCMAS P041 HK hydraulic specification
- ANSI/AGMA 9005-E02-RO
- GM LS-2, AIST 126, 127, SEB 181222

Features/Benefits:

- High Viscosity index maintains good lubrication over wide temperature range.
- Excellent resistance to oxidation
- Outstanding anti-wear protection
- Excellent rust & corrosion protection
- Approved by M/s Milacron, M/s Windsor & M/s Sumitek Natraj for use in their machines.
- Approved by Bosch Rexroth as per fluid rating list RDE 90245
- Approved by Eaton (Eaton E-FDGN-TB002-E specification)

Application:

Recommended for high pressure hydraulic systems and also for systems where high pump speeds are encountered.

Typical Properties:

Test Parameter	ASTM Test Method	Typical Values			
		32	46	68	100
ISO VG					
Kinematic Viscosity, @ 40°C, cSt	ASTM D 445	32.5	46	67.8	97.2
Viscosity Index	ASTM D 2270	118	118	118	110
Flash Point (COC), °C	ASTM D 92	234	240	248	260
Pour Point, °C	ASTM D 97	-21	-18	-18	-15

Properties mentioned above are typical only and minor variations which do not affect the product performances, are to be expected in normal manufacturing.