



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

- IS : 11656-1986 (Reaffirmed 1991)
- IS : 10522-1983 (Reaffirmed 1993)
- Fives Cincinnati P-68, P-70 & P-69 specs
- DIN 51524-2 (HM), DIN 51524-3 (HV)
- Parker HF-0, HF-1, HF-2 (HIM,HV)
- Eaton M-2950-S & I-286-S3,
- ISO 11158 (HM, HV),
- SAE MS 1004 (HM, HV),
- ASTM D6158 (HM,HV),
- Bosch Rexroth RE 90220,
- 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 Fives Cincinnati, USA (P-68, P-70 & P-69 specs)

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		
ISO VG		32	46	68
Kinematic Viscosity, @ 40°C, cSt	ASTM D 445	32.5	46	67.8
Viscosity Index	ASTM D 2270	118	118	118
Flash Point (COC), °C	ASTM D 92	234	240	248
Pour Point, °C	ASTM D 97	-21	-18	-18

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

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