



Avalon

Anti-Wear Hydraulic Oil
TECHNICAL DATA SHEET

Product Description:

Veedol Avalon oils are solvent refined, high viscosity index hydraulic oils fortified with anti-wear, anti-oxidation, anti-corrosion and anti-foam additives.

Veedol Avalon oils provide extended protection and ensure longer life to the hydraulic pumps and valves.

Performance Specifications:

Meets & exceeds the performance requirements of

- IS : 10522-1983 (Reaffirmed 2019)
- Meets the requirement of Vickers V-104C vane pump test

Features/Benefits:

- Excellent resistance to oxidation
- Outstanding anti-wear protection
- Excellent rust & corrosion protection
- Better anti-foaming properties.

Application:

- Recommended for automotive and industrial hydraulic equipment's operating under heavy duty conditions.
- Recommended for circulating systems and other enclosed systems like bearing and gears of general machinery.

Typical Properties:

Test Parameter	ASTM Test Method	Typical Values				
		Avalon 22	Avalon 32	Avalon 46	Avalon 57	Avalon 68
Kinematic Viscosity, @ 40°C, cSt	ASTM D 445	22.5	32	46.66	56.8	68.5
Viscosity Index	ASTM D 2270	99	99	102	100	99
Flash Point (COC), °C	ASTM D 92	198	226	230	234	242
Pour Point, °C	ASTM D 97	-9	-9	-9	-9	-9

Test Parameter	ASTM Test Method	Typical Values				
		Avalon 80	Avalon 100	Avalon 121	Avalon 150	Avalon 176
Kinematic Viscosity, @ 40°C, cSt	ASTM D 445	81.4	98.9	120.7	151.5	175.3
Viscosity Index	ASTM D 2270	98	95	95	95	95
Flash Point (COC), °C	ASTM D 92	244	246	248	250	250
Pour Point, °C	ASTM D 97	-9	-9	-9	-9	-9

Test Parameter	ASTM Test Method	Typical Values		
		Avalon 220	Avalon 320	Avalon 460
Kinematic Viscosity, @ 40°C, cSt	ASTM D 445	222.4	321.1	461.7
Viscosity Index	ASTM D 2270	95	95	95
Flash Point (COC), °C	ASTM D 92	264	280	300
Pour Point, °C	ASTM D 97	-6	-6	-6

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