AVALON HVI

Anti-Wear Hydraulic Oil

Product Description:

Veedol Avalon HVI multigrade hydraulic oils are shear stable, high viscosity index hydraulic oils specifically developed for systems working under wide temperature range.

Formulated using high-quality base oils, shear stable viscosity modifiers, and anti-wear additives, they maintain viscosity even under severe mechanical stress and a wide range of temperatures. Advanced antiwear additives provide outstanding protection to the hydraulic systems in demanding conditions.

Performance Specifications:

Veedol Avalon HVI hydraulic oils meet & exceed the performance requirements of

- DIN 51524 Part 3 HVLP
- Denison Hydraulics HF-0, HF-1, HF-2
- Vickers M-2952-S, I-286-S, M-2950-S
- ISO Standard 6743 Part 4, Type HV

Features/Benefits:

- High viscosity index helps maintain viscosity over a wide range of temperatures thus improving hydraulic efficiency.
- Excellent oxidation and thermal stability minimize deposit formation, enhances system cleanliness, helps extend oil and filter life, thus reducing maintenance cost.
- Outstanding resistance to degradation at high temperature, and mechanical stress provide longer oil life.
- Excellent hydrolytic stability provides improved protection to yellow metals in hydraulic system.

Application:

- Mobile equipment requiring high viscosity index hydraulic fluids.
- Hydraulic equipment used in marine, construction, mining, and oil-industries.
- Moderate- to high-pressure hydraulic systems operating outdoors in severe cold regions or where there is a wide variation in ambient temperature.

Typical Properties:

Test Parameters	Test Method	32	46	68
Density @ 29.5°C	ASTM D4052	0.841	0.845	0.849
Kinematic Viscosity @ 40°C, cSt	ASTM D445	32.0	46.0	68.0
Kinematic Viscosity, at 100°C, cSt	ASTM D445	6.15	7.90	10.59
Viscosity Index	ASTM D2270	144	143	144
Flash Point (COC), °C	ASTMD92	218	238	245
Pour Point, °C	ASTM D97	-24	-33	-33
Total Acid Number, mg KOH/gm	ASTM D664	0.48	0.48	0.48
Copper Corrosion at 100°C, 3 hours	ASTM D130	1a	1a	1a
Foaming Tendency/ Stability				
Sequence I, mL/mL	ASTM D892	0/0	0/0	0/0
Sequence II, mL/mL		10/0	10/0	10/0
Sequence III, mL/mL		0/0	0/0	0/0
Rust Test	ASTM D665	Pass	Pass	Pass

The above typical properties are those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

STORAGE
All packages should be stored under cover. It should not be exposed to direct sunlight, intense cold and extreme temperature fluctuations. Where outside storage is unavoidable, drums should be laid horizontally or properly covered to avoid the possible ingress of water and damage to drum markings.

HEALTH, SAFETY AND ENVIRONMENT
The informtion on this product is available in the Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information, we recommend you review the MSDS. If handled correctly, there are no special precautions suggested.

VEEDOL CORPORATION LIMITED
Corporate Office: 902, Godrej TWO, Vikhroli, Eastern Express Highway, Mumbai-400 079.
Regd. Office: Yule house, 8, Dr. Rajendra Prasad Sarani, Kolkata-700 001, West Bengal, India.
www.veedolindia.com