



Hydro Tech HVI Series

High Performance and high viscosity index Hydraulic System Oil

Description

It is high performance and high viscosity index hydraulic system oil.

Application

It is recommended for all industrial non-stationary hydraulic and vessel hydraulic systems. Among its special industrial applications include construction machines, presses, traveling construction equipment, plastic injection and drawing.

Benefits

- High VI provides ease of operation for the equipments working in severe climatic conditions
- Decreases the hydraulic system breakage and reduces the maintenance costs.
- Provides high operating performance for hydraulic systems operating under high pressures and temperatures, thanks to its high thermal stability.
- Promotes service life and trouble-free operation of hydraulic system like servo-valves, etc.
- Prevents cavitations with high air release properties.
- Ensures ease of operation during cold start-ing, thus saves time.
- Ensures system cleanness thanks to its dispersant properties.
- Disposes the water from the system by rapid dissociation.
- Extends the uninterrupted operation times, increases the system efficiency.
- It is produced within the NAS 1638 cleanness level of NAS 7- 8 by special filtration. processes.

Performance

DIN 51524 Part II, Part III, Denison HF-0, HF-1, HF-2 (Approved), Cincinnati Milacron P 68, P 69, P 70 (Approved) Vickers HP Vane Pump Tests, M-2950 S, I-286 S

Typical Specifications*

ISO VG		15	22	32	37	46	68	100
Density, @ 15°C g/ml	ASTM 4052	0.859	0.865	0.871	0.872	0.876	0.880	0.884
Flash Point, COC, °C	ASTM D 92	138	176	208	208	228	224	238
Kinematic Viscosity at 40°C mm²/s	ASTM D 445	16.04	23.55	33.58	39.02	45.43	71.79	107.35
at 100°C mm²/s		4.43	5.58	6.87	7.96	8.69	12.47	17.21
Viscosity Index	ASTM D 2270	207	190	169	182	173	174	176
Pour Point, °C	ASTM D 97	-36	-36	-36	-33	-33	-33	-30

* Values are changeable according to production.

Packing

ISO	15	22	32	37	46	68	100
Tin Can	-	-	-	-	16 kg	16 kg	-
Drum	180 kg	180 kg	180 kg	180 kg	180 kg	180 kg	180 kg



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