HYDRO TECH HVI SERIES

High Performance and High Viscosity Index Hydraulic System Oils

Description

High performance and high viscosity index. Hydraulic system oil produced with paraffinic base oils and additives.

Applications

It is recommended for all industrial non-stationary hydraulic and vessel hydraulic systems.
Among its special industrial applications include construction machines, pressing machine, moveable construction equipment, plastic injection and air compressor.

Benefits

- Ease of operation for the equipments working in severe climatic conditions due to high VI additives.
- Decreases hydraulic system breakdown and reduces the maintenance costs.
- Provides high operating performance for hydraulic systems operating under high pressures and temperatures, due to its high thermal stability.
- Promotes service life and trouble-free operation of hydraulic system such as servo-valves, etc.
- Prevents cavitation with high air release properties.
- Ensures ease of operation during cold start-up.
- Ensures system cleanness due to its dispersant properties.
- Has excellent water separability characteristic.
- Extends uninterrupted operation duration, increases the system efficiency.
- Has high cleanness level due to production by special filtration process.

Performance

Bosch 90220, Cincinnati P 68, 69, 70, DIN 51524 Part III (HVLP), Eaton M-2950 S/I-286 S3,
ISO 20763 Conestoga Vane Pump Tests, JCMAS P041 HK, Parker HF-0, HF-1, HF-2 (approval)

Typical Specifications*

ISO Viscosity Grade		15	32	46	68	100
Density, 15 °C, kg/liter	ASTM D4052	0,851	0,872	0,876	0,878	0,884
Flash Point, COC, °C	ASTM D92	150	208	214	216	240
Viscosity, 40 °C, mm²/s	ASTM D445	15	32	46	68	100
Viscosity, 100 °C, mm²/s		4,17	6,60	8,75	11,80	15,60
Viscosity Index	ASTM D2270	200	168	173	171	166
Pour Point, °C	ASTM D97	-42	-39	-39	-36	-33

*** Values shown may differ between productions.**

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