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

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

Typical Specifications*

ISO Viscosity Grade		ISO VG				
		15	32	46	68	100
Density, @ 15 °C, kg/m³	ASTM D 4052	0,851	0,872	0,876	0,878	0,884
Flash Point, COC, °C	ASTM D 92	150	208	214	216	240
Viscosity, 40 °C, mm²/s	ASTM D 445	15	32	46	68	100
Viscosity, 100 °C, mm²/s		4,17	6,6	8,75	11,8	15,6
Viscosity Index	ASTM D 2270	200	168	173	171	166
Pour Point, °C	ASTM D 97	-42	-39	-39	-36	-33

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

Petrol Ofisi

Lubricants Customer Care | Tel: 0 (850) 339 19 19 Fax: 0 (216) 275 38 54 | E-mail: madeniyag@petrolofisi.com.tr