

HYDRO TECH HVI-E SERIES

Synthetic Hydraulic System Oil

Description

Petrol Ofisi Hydro Tech HVI-E Series is the hydraulic system oils with high viscosity index with the addition of additives regulating the friction and preventing abrasion, oxidation, rust and foam to the synthetic base oils.

Applications

This is recommended for plastic injection and rolling machines, construction equipment, presses, moving construction equipment, air compressors and all industrial and moving hydraulic systems and the hydraulic systems of the vessels. It may be used for equipment with high difference between the ambient temperature and the working temperature.

Benefits

- Ensures saving at the rate of 6-8% in the pump energy consumption thanks to the special formula.
- Used in very different climate conditions thanks to the high viscosity indexes.
- Used in hydraulic systems working at very high pressures and temperatures for a long time thanks to the high thermal stabilities.
- Extends the period of oil change and reduces the oil consumption.
- Prevent abrasion at low temperatures thanks to low yield point and high viscosity index.
- Reduces the operation and maintenance costs.
- Oxidation resistance is perfect and the service periods are long.

Performance

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

Typical Specifications*

ISO Viscosity Grade		ISO VG 32	ISO VG 46
Density, @ 15 °C, kg/m ³	ASTM D 4052	0,84	0,85
Flash Point COC, °C	ASTM D 92	220	240
Viscosity, 40 °C, mm ² /s	ASTM D 445	32	46
Viscosity, 100 °C, mm ² /s		6,7	8,7
Viscosity Index	ASTM D 2270	177	171
Pour Point, °C	ASTM D 97	-39	-39

* Değerler üretimden üretime farklılıklar gösterebilir.



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