

# 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 parafinic 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 coldstart-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, mm <sup>2</sup> /s	ASTM D445	15	32	46	68	100
Viscosity, 100 °C, mm <sup>2</sup> /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.

