

# HYDRO TECH HVI TX SERIES

New Generation High Viscosity Index Zinc-Free Hydraulic Oil

## Description

Hydro Tech HVI TX is hydraulic oil developed to be used in hybrid pumps, with high filterability and yellow metal protection features, compatible with zinc, low ash technology and with improved heat-viscosity coefficient.

## Applications

It is recommended in the fixed and moveable hydraulic systems where the moderate and heavy working conditions are in question and where the characteristics of intense abrasion, corrosion, oxidation protection, water separation and working compatibility with yellow metals are important. It can be used in the hybrid and all the other pumps, the systems working with sensitive valves, the systems requiring long life and high performance in an environment with water.

## Benefits

- Extends pumps life due to its compatibility with yellow metals and high abrasion prevention feature.
- Protects the system and oil in case of water content.
- Extends the life of the system, oil and filter by increased filtration due to its high filterability feature.
- Reduces friction between the piston rod and seal ring and decreases noise and saves energy.
- Protects servo valves against abrasion and adhesion.

## Performance

DIN 51524 Part III (HVL), Cincinnati P 68, 69, 70 (approval), Parker HF-0, HF-1, HF-2 (approval), Bosch 90220, Eaton M-2950 S, Eaton I-286 S3

## Typical Specifications\*

ISO Viscosity Grade		ISO VG		
		32	46	68
Density, @ 15 °C, kg/m <sup>3</sup>	ASTM D 4052	0,859	0,874	0,876
Flash Point COC, °C	ASTM D 92	212	220	230
Viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D 445	32	46	68
Viscosity, 100 °C, mm <sup>2</sup> /s		6,31	8,15	10,95
Viscosity Index	ASTM D 2270	152	152	152
Pour Point, °C	ASTM D 97	-42	-42	-39

\* Values shown may differ between productions.



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