



Hydromax HT HVI 46

Hydro treated based high performance hydraulic fluid

Description

High performance hydraulic fluid, based on the latest technology hydro treated base oil and additive technology. The use of special additive packs warrants optimal performance and a long service life. The technology combines high viscosity/temperature characteristics with good extreme pressure and anti-wear properties for reliability and trouble-free performance even at high operating temperatures. Hydromax HT HVI is developed to provide trouble free operation, especially in cases where a conventional based hydraulic fluid fails (sludge and deposit creation at higher temperatures).

Applications

Hydromax HT HVI can be used in all available hydraulic applications, as well as light gear boxes and is perfectly suitable for general lubrication purposes. The fluid is recommended for high pressure hydraulic systems or equipment operating over wide temperature ranges where it is critical to retain viscosity-temperature

characteristics under high shear conditions.

The high viscosity index ensures a low start up viscosity, as also a stable protecting lubricating film at high operating temperatures. Hydromax HT is formulated to meet and exceed;

- Denison HF-0, Eaton Vickers M-2950-S and I-286-S, Bosch Rexroth
- DIN 51524 Part 3

Benefits

- Excellent anti wear protection
- Good emulsifying and air-release properties.
- Good anti-oxidation for a long service life up to 10.000 hours
- Lasts up to 3 x longer than the leading conventional hydraulic fluids
- Excellent anti-corrosion properties
- Excellent low & high temperature properties
- No sludge and deposit creation due to the absence of aromatics
- Ashless technology



Typical performance data

		46
Density @ 15 °C	ASTM D1298	0,84
Kinematic viscosity @ 40 °C, cSt	ASTM D445	46
Viscosity index	ASTM D2270	165
Flash point, °C	ASTM D92	206
Pour point, °C	ASTM D97	-42
Copper corrosion test @ 100 °C/3 hrs	ASTM D130	1a
Rust preventive characteristics	ASTM D665A ASTM D665B	Pass
Emulsion characteristics, max	ASTM D1401	40-39-1 (20)
FZG	DIN 513542	12
Foaming characteristics, 10 min	ASTM D892	
• Sequence I		Nil
• Sequence II		Nil
• Sequence III		Nil

All performance data on this Technical Data Sheet are indicative only and can vary during production

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