

KIXX HYDRO HDZ

HIGH PERFORMANCE HYDRAULIC FLUID

DIN 51524 PART 3, HVLP

DESCRIPTION

Premium Quality, Shear Stable, High Viscosity Index, Anti Wear Hydraulic fluid designed for use in hydraulic systems subjected to wide variations in ambient operating temperature.

APPLICATIONS

- Mobile hydraulic equipment subject to wide variation in temperatures.
- Hydraulic systems with vane, gear, or piston pumps.
- Fork-lift trucks (in refrigerated areas).
- Plastic injection molding machines.
- Marine deck equipment, steering gears, bow thrusters and automatic controls.

PERFORMANCE STANDARDS

- Denison Hydraulics HF-0 (ISO 32, 46, 68)
- Vickers M-2952-S, I-286-S [industrial applications]
- M-2950-S [mobile applications] (ISO 32, 46, 68)
- Cincinnati Milacron P-68 (ISO 32), P-69 (ISO 68), P-70 (ISO 46)
- Mannesmann Rexroth requirements (RE 07 075)
- ISO Standard 11158 Type HV
- DIN 51524 Part 3 HVLP
- US Steel 126 and 127
- Bosch RE 90220

BENEFITS

- Shear stable, multi-viscosity characteristics reduce the risk of breakdown in high pressure/high load hydraulic systems which operate over a wide temperature range.
- Special anti-wear additive package reduces wear by protecting surfaces when load causes breakdown of the lubricant film.
- Good demulsibility and hydrolytic stability provide excellent filterability.
- Excellent oxidation stability ensures extended oil service life.

KEY PROPERTIES

ISO VG GRADE	32	46	68
Density, @29.5°C, (kg/liter)	0.855	0.860	0.863
Viscosity @ 40°C (mm ² /s)	34.1	44.2	67.52
Viscosity @100°C (mm ² /s)	6.73	8.09	10.6
Viscosity Index	152	152	146
Oxidation Characteristics (D943)	Pass	Pass	Pass
Copper Corrosion (3hrs @ 100 °C)	1a	1a	1a

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