



KIXX HYDRO HDZ

HIGH PERFORMANCE HYDRAULIC FLUID

DESCRIPTION

Premium quality, shear stable, high viscosity index, anti-wear hydraulic fluid, designed for use in hydraulic systems subjected to wide variations in ambient and operating temperatures.

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.
- Numerically controlled (NC) machine tools.

PERFORMANCE

- 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 GRADE	32	46	68
Density@15°C (kg/liter)	0.855	0.860	0.863
Kinematic Viscosity @ 40°C (mm ² /s)	34.1	44.2	66.7
Kinematic Viscosity Index	152	152	152
Pour Point (°C)	-45	-42	-39
Flash Point (°C, COC)	218	229	234
Rust Test (D665)	PASS	PASS	PASS
Copper Corrosion (3 hrs @100°C)	1a	1a	1a

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by GS Caltex Corporation.