

KIXX HYDRO HVL

PREMIUM LONG DRAIN HYDRAULIC FLUID

DESCRIPTION

Premium quality, shear stable, multi-grade, anti-wear hydraulic fluid, designed for use in hydraulic systems subjected to wide variations in ambient and operating temperatures. Specially designed for long drain applications in mobile equipments (Excavator 5000hrs).

APPLICATIONS

- Hydraulics of mobile, construction and agricultural equipment.
- 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

- 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 RE 07 075
- ISO Standard 6743 Part 4, Type HV
- DIN 51524 Part 3
- AAMA Standard 524 Part 3
- US Steel 126 and 127

BENEFITS

- **Wide temperature application:** Shear stable, multi-viscosity characteristics reduce the risk of breakdown in high pressure/high load hydraulic systems which operate over a wide temperature range.
- **Longer equipment life:** Special anti-wear additive package reduces wear by protecting surfaces when load causes breakdown of the lubricant film. FZG Load stage >12 ensures better protection of components.
- **Reduced downtime:** Effective rust and oxidation inhibitor system prevents the production of abrasive particles from rust formation, and deposits, varnishes and sludge from oil breakdown, which can damage equipment surfaces and seals, and block filters prematurely.
- **Trouble-free operation:** Good hydrolytic stability and water separation characteristics provide excellent filterability in the presence of water contamination. Good anti-foam and air release properties ensure smooth operation and system efficiency.
- **Extended oil service life:** High oxidation stability resists oil thickening and deposit formation in service, eliminating the need for unscheduled change of hydraulic fluid.

KEY PROPERTIES

ISO GRADE	46	68
Density@15°C (kg/liter)	0.860	0.863
Kinematic Viscosity @ 40°C (mm ² /s)	44.2	67.1
Kinematic Viscosity @ 100°C (mm ² /s)	8.0	10.85
Kinematic Viscosity Index	152	153
Pour Point (°C)	-42	-36
Flash Point (°C, COC)	229	232
Rust Test (D665)	PASS	PASS
Copper Corrosion (3 hrs @100°C)	1a	1a