

Kixx Hydro HVZ

*Top Performance Wide Temperature Range
Antiwear Hydraulic Fluid*

ISO VG 15, 22, 32, 46, 68, 100



DESCRIPTION

Kixx Hydro HVZ is a premium quality, shear stable, multi-viscosity, anti-wear hydraulic fluid, designed for use in hydraulic systems subjected to wide variations in ambient and operating temperatures (Excavator : 2000 hrs).

APPLICATIONS

- Industrial hydraulic equipment subject to wide variation in temperatures
- Hydraulic Systems in mobile, construction and agricultural equipment
- Industrial Hydraulic systems with vane, gear or piston pumps
- Fork-lift trucks
- Enclosed gears operating under moderate load conditions
- Industrial circulating systems where a rust and oxidation inhibitor or antiwear oil is required

PERFORMANCE STANDARDS

Kixx Hydro HVZ meets performance standards as below.

- Denison Hydraulics HF-0 (ISO VG 32, 46, 68)
- Vickers I-286-S [industrial applications], M-2950-S [mobile applications] (ISO VG 32, 46, 68)
- Cincinnati Milacron P-68 (ISO VG 32), P-69 (ISO VG 68), P-70 (ISO VG 46)
- Bosch Rexroth RE 90 220 and RE 07 075
- ISO Standard 6743 Part 4, Type HV
- DIN 51524 Part 3, HVL P
- GB 11118.1-2011, L-HV
- US Steel 126 and 127

CUSTOMER 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 applied load causes breakdown of the lubricating film.

Reduced downtime

Effective rust and oxidation inhibitor system prevents

- the production of abrasive particles from rust & deposits
- varnishes and sludges from oil breakdown which can damage equipment surfaces & seals
- filters being blocked 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 VG	15	22	32	46	68	100
Density, kg/L @15°C	0.840	0.839	0.851	0.861	0.866	0.872
Kinematic Viscosity, mm ² /s @ 40°C	14.9	21.7	31.9	46.2	68.9	101.2
Kinematic Viscosity, mm ² /s @ 100°C	3.8	5.0	6.3	8.3	11.0	14.4
Viscosity Index	165	169	154	155	153	147
Pour Point °C	-55	-45	-45	-45	-42	-32
Flash Point °C	172	206	218	233	234	246
Copper Corrosion, 100°C/3hr	1a	1a	1a	1a	1a	1a
Rust Preventive, Sea Water	pass	pass	pass	Pass	Pass	pass
Demulsibility, min	20	15	15	15	15	15
Package (Liters)	20,200	20,200	20,200	20,200	20,200	20,200