



# Kixx Hydro R&O

General Purpose Hydraulic Fluid

ISO VG 32, 46, 68, 100, 320

## DESCRIPTION

Kixx Hydro R&O is a general purpose hydraulic fluid, rust and oxidation inhibited hydraulic fluid designed for used in a variety of industrial applications.

## APPLICATIONS

- Mobile and stationary hydraulic systems using axial piston type pumps where R&O type oils are suitable
- Hydraulic systems using vane and gear pumps where pressures and speeds allow the use of R&O type oils (Not suitable for hydraulic systems where antiwear type oils are required)
- Industrial circulating systems where a rust and oxidation inhibitor is required
- Enclosed gear applications where antiwear or EP properties are not required

## PERFORMANCE STANDARDS

Kixx Hydro R&O meets performance standards as below.

- Cincinnati Milacron P-38 (ISO VG 32), P-54 (ISO VG 68), P-55 (ISO VG 46)
- ISO Standard 6743 Part 4, Type HL
- DIN 51524 Part 1, HL
- GB 11118.1-2011, L-HL
- Denison Hydraulic HF-1

## CUSTOMER BENEFITS

- Providing long service life by resisting oil thickening and the formation of harmful sludge or varnish deposits
- Protection against rust
- Rapid separation of mixed water

## KEY PROPERTIES

ISO VG	32	46	68	100	320
Density, kg/L @15°C	0.853	0.856	0.862	0.864	0.8908
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	30.8	46.2	67.4	97.13	333
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	5.5	7.2	9.3	11.71	25.78
Viscosity Index	117	116	115	109	101
Pour Point °C	-33	-30	-27	-24	-15
Flash Point °C	228	234	240	249	270
Rust Preventive, Sea Water (D665)	Pass	Pass	Pass	Pass	Pass
Package (Liters)	20, 200	20, 200	20, 200	20, 200	200

## UNIQUE FEATURES

- Superior oxidation & Thermal stability resists oil thickening and deposit formation in service, eliminating the need for unscheduled change of hydraulic oil.

### Superior Oxidation & Thermal stability

GSC product produce less sludge than other products (test under 150°C, 168 hrs)



GSC

other