

K1 Lube Hydraulic HL

Rust & Oxidation Inhibited Hydraulic Oil

ISO VG 32, 46, 68



DESCRIPTION

K1 Lube Hydraulic HL is a premium-quality antiwear hydraulic fluid designed for use in mobile and stationary high pressure hydraulic systems. It contains a stabilized zinc additive system which provides outstanding antiwear characteristics, and also provides good thermal and oxidation stability.

APPLICATIONS

- Industrial hydraulic equipment operated in plants and factory
- Industrial Hydraulic systems with vane, gear or piston pumps
- Enclosed gears operating under moderate load conditions
- Industrial circulating systems where a rust and oxidation inhibitor or antiwear oil is required

PERFORMANCE STANDARDS

- DIN 51524 PART I (HL),
- ISO 11158 (HL Fluids),
- Cincinnati Machine P38/P54/P55

CUSTOMER BENEFITS

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	32	46	68
Kinematic Viscosity, mm ² /s @ 40°C	31.8	45.9	66.3
Kinematic Viscosity, mm ² /s @ 100°C	5.4	6.8	8.7
Viscosity Index	104	103	102
Pour Point °C	-38	-40	-38
Flash Point °C	216	228	238
Specific gravity	0.862	0.868	0.873
Package (Liters)	20	20	20