

K1 Lube Hydraulic HL

Rust & Oxidation Inhibited Hydraulic Oil

ISO VG 32, 46, 68



DESCRIPTION

K1 Lube Hydraulic HL is a premium-quality hydraulic fluid comprised of pure refined base oil and additives for oxidation and corrosion protection, without any special additives to prevent wear in mixed friction. It is suitable for industrial equipment and circulatory machines that require corrosion protection, such as electric motor bearings, blowers, and compressors, as well as decelerators that do not require wear resistance or extreme pressure performance, and pumps that require rust and oxidation prevention performance.

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

The properties about high shear stability and oxidation stability reduce the failure in high pressure and highly loaded hydraulic systems operating over a wide temperature range.

Reduced Downtime

Effective rust and oxidation inhibitors prevent varnishes and sludges from oil breakdown which can damage equipment surfaces & seals and the filter from clogging prematurely. In addition, high oxidation stability prevents oil thickening and deposit formation during use.

Trouble-Free Operation

Excellent hydrolytic stability and water separation properties provide excellent filterability even in the presence of water contamination. Excellent anti-foam and air release properties ensure smooth operation and system efficiency.

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