

HYDRO SHIELD HLP

Industrial Xtra HD Hydraulic fluid for long life

DESCRIPTION

Kruizer Hydrosshield HLP oils are high performance premium quality hydraulic oils. They are blended from highly refined, high viscosity index Group II plus base oils with carefully selected balanced antiwear additive. These oils are designed to operate over a wide range of working conditions including low load and severe high load conditions. They provide outstanding protection and performance in manufacturing and other operations. Formulated for excellent water separation, exceptional hydrolytic stability, anti-foam characteristics and cleanliness they allow efficient operation of the system. Superior moisture handling capability ensures longer life and reduces the risk of rusting and corrosion.

APPLICATIONS

- Hydrosshield HLP range is recommended for high pressure hydraulic power systems and a wide variety of circulation systems of industrial and automotive equipment.
- They are suitable for precision hydraulic systems requiring very high control of fluid viscosity like high performance electrohydraulic or numerically controlled systems particularly where close clearance servo-valves are used.
- They are also used in general manufacturing, power and metal equipment operating at high speeds, loads and temperatures like presses, injection moulding, machine tools etc.
- These oils are also recommended for the lubrication of rotors, bearings, gears in rotary compressors like screw and vane type.

ADVANTAGES & BENEFITS

- Outstanding Oxidation Stability - outstanding resistance to the effects of oxidising agents.
- Resists sludge and deposit formation.
- Minimises filter choking.
- Ensures longer operating life, less maintenance and reduction in operating cost.
- Superior Hydrolytic Stability - resists water absorption and the chemical decomposition of the oil in the presence of water. Protects from acid corrosion, rusting and allows longer oil life.

Typical Properties

Name	Method	32	46	68	100
ISO Grade	-	32	46	68	100
Appearance	-	Clear			
Density @15°C	ASTM D4052	0.851	0.856	0.859	0.864
Kinematic Viscosity @40°C	ASTM D445	32.5	46.1	68.2	100.6
Kinematic Viscosity @100°C	ASTM D445	5.7	7.2	9.4	12
Flash point(open cup method)	ASTM D92	215	215	215	215
Pour point	ASTM D97	-27	-27	-27	-27
Viscosity Index	ASTM D2270	110			
Foam Sequence - 1 Stability	ASTM D892	Nil			
Rust Test	ASTM D665B	Pass			

The values above are typical values. They do not constitute any contractual commitment.

Sales specifications are available on request. The present technical data sheet replaces all the previous edition.

We provide ZINC FREE Hydraulic Oil in HLP & HVI Grades for Extra Extended Drain Interval & Upgrade to AL Technology with Special Base Oil.

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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SLK ENTERPRISES

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