

TECHNICAL DATA SHEET

OLGER HYDRAULIC HLP SERIES

PRODUCT DESCRIPTION AND USE

OLGER HYDRAULIC HLP SERIES Premium-class hydraulic oils made from high-quality mineral base oils and specially selected additives with high stability. Effectively prevents wear, oxidation and corrosion. Recommended for all industrial and mobile hydraulic systems. Special industrial applications include construction hydraulic equipment, presses, moving elements of structures, plastic molding machines, air compressors.

FEATURES AND BENEFITS

- Maintains system cleanliness because of its high dispersing capacity
- Effectively prevents wear, oxidation and corrosion
- They are highly resistant to oxidation and have excellent water separation properties.
- Non-foaming due to its anti-foam additive and prevents cavitation.
- They are produced in purity class NAS-7-8 according to NAS 1638 due to the use of special filtration systems.

MEETS THE SPECIFICATION AND APPROVALS:

DIN 51524 Part 2-HLP, AFNOR NFE 48 603, US-STEEL 127, 136, Cincinnati Milacron P-68, P-69, P70, Denison HF-0, HF-1, HF-2, Vickers M2950-S

TYPICAL PROPERTIES

TEST	UNIT	METHOD	HLP 32	HLP 46	HLP 46
Density, 15 °C	g/cm³	ASTM 4052	0,872	0,879	0,885
K. viscosity, 40°C	mm2/s	ASTM D 445	32	46	68
Viscosity Index		ASTM D 2270	100	95	95
Flash Point	°C	ASTM D 92	205	218	220
Pour Point	°C	ASTM D 97	-27	-25	-25

 $[\]ensuremath{^{*}}$ The above values may slightly vary depending on the production





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HEALTH, SAFETY AND ENVIRONMENTAL RECOMMENDATIONS

Should not make contact with the skin, should not be swallowed and vapors should not be inhaled. In case of contact with the skin or eyes, wash with plenty of water and seek medical attention if necessary. When swallowed, victim should not be vomiting and immediate medical attention should be sought. When the vapors are inhaled, breathe heavily in fresh air and, if necessary, seek medical attention. Used oils should not be disposed to garbage, sewage and should be collected by licensed waste oil collectors. It should not be mixed with any petroleum products or chemicals. It should not be burned in furnaces and boilers.

Should be kept away from children. Empty containers should not be thrown to the garbage or left in the environment and should be delivered to licensed recycling companies. For more information, please refer to the 'Material Safety Data Sheet'.

STORAGE CONDITIONS

Packaging should not be exposed to extended periods of direct sunlight. Packaging should not be in contact with water. Oils should not come into contact with dust and should be kept away from dusty environments. Ambient temperature should not exceed 40 ° C. The user is solely responsible for using the product according to its purpose and for complying with the laws and regulations in effect. Lubrico Petrokimya A.Ş. may not be held responsible for damages and loss due to use of product outside its normal or intended uses or due to inherent dangers of the product and its consequences.

