

ERTOIL HIDRÁULICO HLP



DESCRIPTION

Lubricating oil formulated with specially selected and treated second refining bases. Its powerful anti-wear additive provides optimum performance in most hydraulic applications where an oil of this quality is required. The products exhibit high durability in service thanks to the use of a combination of very well-balanced oxidation inhibitors.

In its pursuit of sustainable development at all levels, Cepsa Lubricants is marketing this series of HLP hydraulic oils, which have the same level of quality as straight refined oils, in the most commonly used viscosity grades. It, therefore, complies with Cepsa's objectives as an environmentally committed company, exceeding the minimums established by current legislation and thus contributing to a sustainable environment.

Applications

- Especially recommended for **universal use hydraulics** systems, where a high performance/cost ratio fluid is required.
- Formulation specifically balanced to meet the demands of high pressure hydrostatic systems (equipped with gear pumps, blades and pistons).
- Recommended for many circulation systems and for the lubrication of industrial bearings and gears requiring low viscosities.
- ISO Grade VG 46 meets the viscosity requirements of most hydraulic systems, simplifying the stock carried by any plant or equipment.
- ISO Grade VG 68 is more appropriate for hydraulic systems operating at high temperatures.

Product performance

- Effective water contamination separation capacity.
- High resistance to foam formation.
- High wear resistance.
- With proper maintenance, it prevents the formation of sludge and deposits.
- Excellent protection against corrosion and rust.
- Effective resistance to oxidation deterioration.
- Excellent filterability.

QUALITY LEVELS

DIN 51524 Part 2 (HLP) | ISO 6743-4 (HM) | ISO 11158 HM | AFNOR NF-E 48-603 HM

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	ERTOIL HIDRAULICO HLP	
			46	68
ISO GRADE		(ISO -3448)	46	68
Density at 15°C	Kg/l	ASTM D-4052	0.867	0.878
Flash point COC	°C	ASTM D-92	204	210
Pour point, °C	°C	ASTM D-97	-27	-24
Viscosity at 40°C	cSt	ASTM D-445	46	68
Viscosity at 100°C	cSt	ASTM D-445	7.16	8.98
Viscosity Index	-	ASTM D-2270	>100	>100

ENVIRONMENT, HEALTH and SAFETY

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and they do not constitute a guarantee. These values may be modified without any prior warning.