INDUSTRY

LUBRICANTS FOR INDUSTRIAL USE

CEPSA HIDRÁULICO HLP

DESCRIPTION

This is a lubricant formulated with highly-refined paraffin bases, with selected additives that provide anti-wear properties that are adequate for the intended services.

PRODUCT APPLICATIONS

- It is especially recommended for universal hydraulic systems that require a fluid with a high performance-cost ratio.
- The formulation satisfies the requirements of high pressure hydrostatic systems (fitted with pimps having gears, blades and pistons).
- It is recommended for many circulation systems in industrial bearing and gear lubrication that require low viscosity.
- The ISO-VG 46 grade covers the viscosity requirements in most hydraulic systems and simplifies the stock to be used for any plant or equipment.
- The ISO-VG 68 grade is the most suitable for hydraulic systems operating at high temperatures.

PRODUCT PERFORMANCE

- Adequate separation capability in water contamination.
- High foam formation resistance.
- High anti-wear property.
- High protection against corrosion and oxidation.
- Adequate resistance against oxidation deterioration.
- High filterability.

SPECIFICATIONS

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

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA HIDRÁULICO RR HLP	
ISO Grade			**46**	**68**
Density at 15ºc	Kg/l	ASTM D-4052	0,879	0,884
Flash point v/a	ºC	ASTM D-92	204	210
Pour point	ºC	ASTM D-5950	-24	-21
Viscosity at 40ºc	cSt	ASTM D-445	46	68
Viscosity at 100ºc	cSt	ASTM D-445	6,85	8,69
Viscosity index	-	ASTM D-2270	103	99

HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

The typical values of the characteristics appearing in the table are average values given for guidance purposes.
These values may be modified without any prior warning.