



LUBRICANTS

**HYDRAULICS**

 **CEPSA**  
Your world, more efficient.



## CEPSA HIDROSTAR HVLP

An all-purpose hydraulic oil with a high viscosity index and anti-oxidant, anti-wear features recommended for highly demanding hydraulic systems. Recommended for applications in circuits containing servo valves, numerical control equipment, automated circuits, etc.

### APPROVALS

DIN 51524 Part 3 HVLP / ISO 6743-4 HV / ISO 11158 HV / AFNOR NF-E 48-603 HV / ISO FILTERABILITY (Dry & Wet) / PARKER DENISON HF-0, HF-1, HF-2 / BOSCH-REXROTH 90220 / EATON Brochure 03-401-2012 / FIVES CINCINNATI P-68 (ISO 32), P-69 (ISO 68), P-70 (ISO 46)

ISO grades available: 32, 46 and 68

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## CEPSA HIDRÁULICO HM

Multi-purpose hydraulic oil with anti-oxidant and anti-wear features. Meets the requirements of modern hydraulics systems with latest generation pumps. An all-purpose oil to help simplify the number of oils to be kept in storage.

### APPROVALS

DIN 51524 Part 2 HLP / ISO 6743-4 HM / ISO 11158 HM / AFNOR NF-E 48-603 HM / Filterability AFNOR (Dry & Wet) / PARKER DENISON HF-0, HF-1, HF-2 / EATON Brochure 03-401-2012 / BOSCH-REXROTH 90220 (ISO 46) / FIVES CINCINNATI P-68 (ISO 32) / P-69 (ISO 68) / P-70 (ISO 46) / ENGEL (ISO 46)

ISO grades available: 15, 22, 32, 46, 68 and 100

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## CEPSA HIDROSIC HLP

Latest generation ashless hydraulic fluid formulated with highly refined paraffinic base oils, zinc-free in the ashless formulation. Especially recommended for systems containing servo valves and systems that require the use of ashless anti-wear hydraulic oils.

### APPROVALS

DIN 51524 Part 2 HLP / ISO 6743-4 HM / ISO 11158 HM / AFNOR NF-E 48-603 HM / AFNOR FILTERABILITY (Dry & Wet) / PARKER DENISON HF-0, HF-1, HF-2 / EATON Brochure 03-401-2012 / FIVES CINCINNATI P-68 (ISO 32), P-69 (ISO 68), P-70 (ISO 46)

ISO grades available: 32, 46 and 68

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## CEPSA HIDROMAX

Hydraulic fluid formulated with refined paraffinic base oils with a high viscosity index and anti-oxidant, anti-wear properties. Its high viscosity index gives it great stability in response to temperatures. Recommended for equipment that operates exposed to the elements and in applications in which extreme temperature changes are possible.

### APPROVALS

DIN 51524 Part 3 HVLP / ISO 6743-4 HV / ISO 11158 HV / EATON Brochure 03-401-2012 / AFNOR NF-E 48-603 HV

ISO grades available: 46 and 68

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## FIRE RESISTANT



### CEPSA FUNDICOL SINTÉTICO EHC

Fire resistant hydraulic fluid formulated with phosphoric ester. Especially recommended for electro-hydraulic control systems on steam turbines.

#### APPROVALS

ISO 6743/4 HFDR / FM Global Group – Standard 6930  
ISO grades available: 46

### CEPSA FUNDICOL SYNT HFC

Safety and fire resistant hydraulic fluid in a water-glycol base. Recommended as a substitute for mineral hydraulic fluids in hydraulic systems where there is a risk of fire.

#### APPROVALS

ISO 6743/4 HFC / ISO 12922 HFC / Factory Mutual  
ISO grades available: 46

### CEPSA FUNDICOL HFU

Safety hydraulic fluid HFU type with an organic base oil of biodegradable, fire resistant, synthetic ester. Recommended in industries that require compliance with fire resistance standards such as the metallurgy, mining, hot rolling and similar industries.

#### APPROVALS

ISO 6743/4 HFU / ISO 12922 HFU  
ISO grades available: 46

## PRODUCT SUMMARY

LUBRICANT	SHELF LIFE	TEMPERATURE RANGE	EQUIPMENT PROTECTION
CEPSA HIDROSTAR HVLP	○○○○○	○○○○	○○○○
CEPSA HIDROMAX	○○○○	○○○	○○○
CEPSA HIDRÁULICO HM	○○○	○○	○○○
CEPSA HIDRÁULICO HLP	○○	○○	○○
CEPSA HIDROSIC HLP	○○○	○○	○○
CEPSA HIDRÁULICO HLPD	○○	○○	○○
CEPSA HIDROTRANS OP	○○○	○○	○○○○○
CEPSA HIDROPOC	○○○○	○○○	○○○○
CEPSA GRES 2000	○○○○	○○○	○○○
CEPSA GRES 2000 SINTÉTICO	○○○○○	○○○○	○○○○
CEPSA BIO-OIL HM S	○	○○○○○	○○○
CEPSA FUNDICOL HFU	○○	○○○○	○○
CEPSA FUNDICO EHC	○○	○○○○	○○
CEPSA FUNDICOL HFC	○○○○	○○○○	○○
CEPSA HIDROLIFT	○○○	○○○	○○○

## CEPSA HIDRÁULICO HLP

Hydraulic oil with anti-wear and anti-oxidant properties.

### APPROVALS

DIN 51524 Parte 2 HLP / ISO 6743-4 HM / ISO 11158 HM / AFNOR NF-E 48-603 HM  
ISO grades available: 46 and 68

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## CEPSA HIDROTRANS OP

A multi-grade hydraulic oil with EP characteristics recommended for mobile equipment requiring extreme pressure fluid. Specifically recommended for civil engineering and mining machinery in severe service conditions.

### APPROVALS

DIN 51524 Part 2 HLP / ISO 6743-4 HM / ISO 11158 HM / EATON Brochure 03-401-2012  
ISO grades available: 46 and 68

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## CEPSA HIDROPOC

Hydraulic oil recommended for civil engineering and mining machinery requiring a POCLAIN quality level.

### APPROVALS

DIN 51524 Part 3 HVLP / ISO 6743-4 HV / ISO 11158 HV / AFNOR NF-E 48-603 HV / EATON  
Brochure 03-401-2012 / POCLAIN (P110 32-03J Grade)  
ISO grades available: 46

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## SPECIAL



## CEPSA BIO OIL HM-S



EAL (environmentally acceptable lubricant) synthetic hydraulic fluid formulated with ester base oil especially developed for applications requiring a biodegradable product that meets VGP 2013 legislation.

### APPROVALS

VDMA 24568 class HEES / ISO 15380 class HEES / EAL type for compliance with VGP 2013  
/ ECOLABEL ES-MD/027/00002  
ISO grades available: 32, 46 and 68

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## CEPSA HIDRÁULICO HLPD

Hydraulic oil with anti-wear properties and detergent capacity. With a high capacity to keep water emulsified with oil, it is especially recommended for hydraulic systems that are prone to serious water contamination.

### APPROVALS

DIN 51524 HLPD  
ISO grades available: 46

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## CEPSA HIDROLIFT

Hydraulic oil with a high viscosity index and anti-oxidant and anti-wear features. Especially recommended for hydraulics systems in passenger lifts and service lifts that use this kind of propulsion in operation.

### APPROVALS

DIN 51524 Part 3 HVLP / ISO 6743-4 HV / ISO 11158 HV / EATON Brochure 03-401-2012 /  
AFNOR NF-E 48-603 HV  
ISO grades available: 46

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## CEPSA GRES 2000 SINTÉTICO

Hydraulic oil composed of an appropriate combination of synthetic base oils and hydro-treated base oils that make this product perfect for extreme working conditions and long oil-change intervals. Especially recommended for the presses used in the ceramics industry.

### APPROVALS

PARKER DENISON HF-0, HF-1, HF-2 / DANFOSS AXIAL PISTON / EATON Brochure 03-401-2012 / FIVES CINCINNATI P-70 (ISO 46)

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## CEPSA GRES 2000

Hydraulic oil composed of hydro-treated base oils. Especially recommended for the presses used in the ceramics industry.

### APPROVALS

PARKER DENISON HF-0, HF-1, HF-2 / DANFOSS AXIAL PISTON / EATON Brochure 03-401-2012 / FIVES CINCINNATI P-70 (ISO 46)

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