

CEPSA HIDRÁULICO HM

Description



A lubricant oil based on highly-refined paraffinic base oils and selected additives that provides it with the required properties for HM type hydraulic fluids (improved anti-wear properties).

Applications

- This fluid is specially recommended for Universal Hydraulic Systems.
- Formulated to satisfy the demands of the most modern high-pressure hydrostatic systems (especially those that incorporate the latest generation of vane and piston pumps).
- They are recommended for many circulation, splashing, bath and ring systems in the lubrication of bearings and gearing for industrial machinery.
- The ISO HM 46 grade covers the viscosity requirements of most hydraulic systems and therefore reduces the stock of oils to be applicatedd at any plant or for any equipment.
- The ISO HM 68 grade is recommended for hydraulic systems operating at High Temperatures and/or High Pressures.

Performance

- High separation capability of water contaminants (demulsification).
- High resistance to foaming.
- High anti-wear capability.
- Resistant to the formation of sludge and deposits.
- High protection against corrosion and rusting.
- High resistance to oxidation.
- Excellent behaviour against seals and elastomers. Prevents leaks.
- Good filterability

Specifications

• DENISON HF-0, HF-1, HF-2	• DIN 51524 Part 2 HLP	• VICKERS I-286-S y M-2950-S
• AFNOR NF E 48-603 HM	• CINCINNATI MACHINE P-68, P-69 y P-70	• ISO 6743-4 (HM)
• FILTERABILITY AFNOR		

Typical Characteristics

CHARACTERISTICS	ASTM STD	CEPSA HIDRÁULICO HM					
		15	22	32	46	68	100
ISO grade							
Density 15°C, kg/l	D-4052	0,857	0,867	0,875	0,880	0,882	0,888
Flash Point, COC, °C	D-92	165	202	204	204	210	220
Pour Point, °C	D-5950	-30	-24	-24	-21	-18	-18
Viscosity at 40°C, cSt	D-445	15,4	23	30,5	46,4	68	99,9
Viscosity Index	D-2270	100	100	100	100	98	95

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.