

LUBRICANTS FOR INDUSTRIAL USES

CEPSA HIDROSIC HVLP

DESCRIPTION

High viscosity index hydraulic fluid formulated with highly refined paraffinic bases and zinc-free additives (Ashless technology). This formulation gives the product a number of anti-wear characteristics to resist thermal and oxidative degradation.

PRODUCT APPLICATIONS

- In hydrostatic systems where hydraulic fluids with anti-wear characteristics are required, particularly in equipment operating outdoors and/or at low start-up temperatures due to its high viscosity index.
- Excellent anticorrosive properties, specially recommended in conventional hydraulic circuits with water contamination problems, guaranteeing a long service life.
- Zinc-free ("Ashless") additive technology which offers reduced environmental impact compared to other hydraulic product additives, providing cleanliness, filterability and anti-wear protection.

PRODUCT PERFORMANCE

- High demulsibility power. Excellent water separation properties.
- High resistance to foam tendency. Rapid air release.
- Excellent EP anti-wear properties.
- High hydrolytic stability against external contamination, associated with environmental humidity or refrigeration systems.
- High protection against corrosion and rust.
- Excellent thermal and oxidative stability.
- Excellent results against filterability tests (AFNOR and DENISON specifications).
- Compatibility with joints and elastomers.

SPECIFICATIONS

- DIN 51524 Part 3 HVLP
- AFNOR NF-E 48-603 HV
- Eaton E-FDGN-TB002-E
- ISO 6743 Part 4 HV
- FIVES CINCINNATI P-70
- Bosch Rexroth RDE 90235
- ISO 11158 HV
- PARKER DENISON HF-0, HF-1, HF-2

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA HIDROSIC HVLP
ISO GRADE			46
Density at 15°C	kg/l	ASTM D-4052	0.876
Flash Point, COC	°C	ASTM D-92	218
Pour Point	°C	ASTM D-5950	-42
Viscosity at 40°C	cSt	ASTM D-445	45.34
Viscosity at 100°C	cSt	ASTM D-445	8.0
Viscosity Index	-	ASTM D-2270	151

HEALTH & SAFETY AND ENVIRONMENT

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.