

# CEPSA MISTRAL HX

## Description



Lubricant oils with a high viscosity index, formulated with highly refined paraffin bases and latest-generation selected additivation that gives it excellent anti-wear and special anti-thermal decomposition and anti-oxidation properties.

It includes a viscosity index improver that allows it to maintain the initial viscosity of the fluid throughout the service period.

### Applications

- Especially recommended for hydraulic circuits of marine equipment required where HVLP hydraulic fluids with special anti-oxidation properties and excellent performance under temperature variations are needed.
- Specifically designed for applications in circuits containing servo-valves.
- Owing to its high viscosity index and high shear stability it is recommended for systems subjected to significant temperature variations.
- Owing to its excellent characteristics it is recommended for hydrostatic systems with high pressure and temperature requirements.

### Product performance

- Strong demulsibility power.
- Good foam resistance.
- High anti-wear capacity.
- High hydrolytic stability in the event of contamination due to environmental humidity.
- High level of protection against corrosion and rust.
- Excellent thermal stability and oxidation stability.
- Excellent filterability results, with and without humidity contamination.
- Excellent performance in joints and elastomeric seals. Prevents leaks.

## Specifications

• DENISON HF-0, HF-1, HF-2	• DIN 51524 Part 3 HVL	• ISO 11158 HV
• FIVES CINCINNATI P-68, P-69 and P-70	• BOSCH-REXROTH 90220	• EATON I-286-S and M-2950-S
• AFNOR FILTERABILITY (dry) and (wet)	• DENISON FILTERABILITY	• AFNOR NF E 48-603-HV

## Typical Characteristics

SPECIFICATIONS	ASTM STANDARD	CEPSA MISTRAL HX					
		15	32	46	68	100	150
ISO GRADE							
Density at 15° C, kg/l	D-4052	0.857	0.875	0.882	0.883	0.887	0.888
Flash Point O/C, °C	D-92	165	180	200	210	210	210
Freezing Point, °C	D-5950	-35	-35	-35	-30	-30	-30
Viscosity at 40 °C, cSt	D-445	15.4	31.3	45.9	66.1	101	143
Viscosity at 100 °C, cSt	D-445	3.8	6.3	7.9	11.02	12.8	16.5
Viscosity Index	D-2270	150	150	150	150	150	150
Copper Corrosion 3h, 100 °C	D-130	1B	1B	1B	1B	1B	1B
Rust Characteristics	D-665B	pass	pass	pass	pass	pass	pass

## Health & Safety and Environment

In accordance with current legislation, all health, safety and environmental information for this product is provided on the Material Safety Data Sheet, which gives details of potential hazards, handling precautions and first aid measures, together with environmental data.