

LUBRICANTS FOR INDUSTRIAL USE

CEPSA CIRCULANTE 500

DESCRIPTION

Circulation oils formulated with highly refined paraffinic base oils and selective ash-free additivation that give them excellent characteristics for the type of service for which they are intended.

PRODUCT APPLICATIONS

- Especially recommended for circulation systems in paper mills and in the steel industry.
- In Paper Factories: for dry-part bearings (ISO VG 220) and wet-part bearings (ISO VG 150) in compliance with the requirements stipulated by the main manufacturers of paper mill machinery.
- In the Steel industry: for Mesta and Morgoil thrust roller bearings for rolling mills.

PRODUCT PERFORMANCE

- Excellent emulsion-removing capacity even after long periods of service.
- Very good anti-foam properties.
- Highly resistant to oxidation. Long duration of service loads.
- Very good anti-corrosion and anti-rust properties. It ensures high protection for the parts of the machines in contact with the oil.
- The use of ash-free additivation gives it an excellent anti-wear capacity, which reduces the friction coefficients to the maximum, thereby avoiding temperature increases and reducing energy consumption.
- Extraordinary filterability characteristics.

SPECIFICATIONS

- SMS SIEMAG
- MORGOIL
- MESTA
- DIN 51517 Parte 3 (CLP)

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	METHOD	CEPSA CIRCULANTE SERIAL 500					
			525	528	535	546	548	
DESCRIPTION								
ISO GRADE			100	150	220	460	680	
Density at 15 °C	Kg/l	ASTM D-4052	0.889	0.895	0.899	0.906	0.907	
Flash Point, COC	°C	ASTM D-92	230	240	250	304	306	
Freezing point, max.	°C	ASTM D-5950	-15	-12	-12	-9	-9	
Viscosity at 40°C	cSt	ASTM D-445	97	151	245	468	611	
Viscosity at 100°C	cSt	ASTM D-445	10.9	14.9	20.6	31.6	37.4	
Viscosity index	-	ASTM D-2270	96	98	98	98	98	
Demulsibility at 82°C, 3 ml	minutes	ASTM D-1401	<20	<30	<30	<30	<60	
FZG test, failure stage	-	DIN 51354-2	12	12	12	12	12	
Rust prevention (Proc. A)	-	ASTM D-665	Pass	Pass	Pass	Pass	Pass	

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.