

Description

Repsol Circulacion is a premium quality rust and oxidation inhibited lubricant formulated using carefully hydrotreated Group II base oils and balanced additives to provide the proper resistance to oxidation and excellent demulsifying capacity. Specially developed to lubricate rolling mill bearings where the moisture in the environment is especially high. Repsol Circulacion has outstanding demulsibility and allow water to be shed from the oil. The water may be removed by centrifuge from the system, protecting the equipment against corrosion, poor lubrication and premature wear.

Repsol Circulacion is highly recommended in non-EP applications where the water separation is a critical issue. It exceeds Morgan MORGOL specification.

Properties

- Superior oxidation resistance under high operation temperatures.
- Longer drain oil intervals and outstanding varnish and sludge build up control.
- Very good protection against rust, preventing steel corrosion.
- High de-emulsifying capacity (quick separation from water).
- Good antifoaming characteristics.
- Resistance to the rupture of the lubricant film.

Quality levels

- ISO 6743/2 - FC
- DIN 51517 Part 2 -CL
- DIN 51524 – HL
- AGMA 9005 for inhibited (R&O) oils

Technical specifications

	UNIT	METHOD	VALUE	
SAE GRADE			220	320
Density at 15 °C	g/mL	ASTM D 4052	0.89	0.91
Viscosity at 100 °C	cSt	ASTM D 445	19	23
Viscosity at 40 °C	cSt	ASTM D 445	220	320
Rust Resistance (method A)		ASTM D2272	Pass	Pass
Viscosity index	-	ASTM D 2270	95	93
Flash point, open cup	°C	ASTM D 92	260	260
Pour point	°C	ASTM D 97	-9	-9
TAN	mg KOH/g	ASTM D 664	0.1	0.1
Water Separability (@82°C)	min	ASTM D1401	<20	<20

The above mentioned characteristics are typical values and should not be considered product specifications.

A safety information file is available on request.

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