



INDUSTRIAL
LUBRICANTS &
SERVICES LIMITED

Technical Data sheet

ILS-CIRC PM 150

Circulating bearing oil.

Description

ILS-CIRC PM 150 is a premium quality circulating bearing oil designed for use in a broad range of systems operating under high loads and where water ingress is unavoidable. Manufactured from the highest quality mineral base oils, formulated with the latest sulphur-phosphorous additives, combined with special additives to further enhance anticorrosion, anti-rust and antifoaming tendencies so that longer service life is realized.

Typical Applications

ILS-CIRC PM 150 is a product designed for lubricating gears and bearings in wet and dry end of paper machines, MORGOIL back-up roll bearings and Danieli, SMS Demag and other systems. It is suitable for use in both ferrous and non-ferrous back-up roll bearings. The VG 150 viscosity grade should be checked against equipment manufacturers recommendations prior to use.

Advantages

Suitable for use in:

- Circulating oil systems.
- Paper machines both wet and dry ends.
- Morgan No Twist Rod Mills
- Danieli Rod mills - AO 1.2.1a (Rev)14
- Moderate duty spur, bevel, helical and herringbone gear units.
- Plain bearings, roller bearings.
- Hydraulic systems where higher viscosity oils are required, employing gear, vane, radial and axial piston pumps.
- Systems where water ingress is possible.

Typical Properties (over page)

Typical Properties

	UNIT	METHOD	TYPICAL
Appearance	-	Visual	Clear, Light Amber fluid
Density @ 15°C	g/ml	DIN 51757 / ASTM D 1298	0.885
Kinematic Viscosity @ 40°C	mm²/s	ASTM D445	150
Kinematic Viscosity @ 100°C	mm²/s	ASTM D445	15.4
Viscosity Index	-	ASTM D2270	>95
Flash Point - closed cup method	°C	ASTM D92	260
Pour Point	°C	ASTM D97	-12
FZG Fail Load Stage (A/8.3/90)	-	DIN 51354	12
Foam Characteristics SEQ I/II/III (Stability)	mls	ASTM D892	0/0/0
Rust Prevention (salt water)	-	ASTM D665B	Pass
Copper corrosion (3 hr @ 100°C)	-	ASTM D130	1b

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