

Description

These oils are formulated from carefully selected and specially treated paraffinic bases, endowing the end products with a high viscosity index, good resistance to oxidation and excellent demulsifying capacity. They are formulated with the grades of viscosity used traditionally to lubricate rolling mill bearings.

These oils are typically used to lubricate, by means of circulation lubrication, bearings subject to very severe service conditions used in rolling mills.

Their characteristics also make them suitable for lubricating industrial dividers not subject to shock loads or heavy loads, and for the casings of compressors requiring these viscosity levels and but not requiring oils with anti-wear capacity.

They are also suitable for the lubrication of many low-speed large-diameter plain bearings by means of drip feed, oil bath or oil ring lubrication.

Properties

- High viscosity index.
- Low pour point.
- High stability.
- Low level of soot.
- Excellent water separation.
- Excellent anti-rust properties.

Quality levels

- ISO 6743/2 - FC
- DIN 51524 - HL
- DIN 51517 part 2-CL

Technical specifications

	UNIT	METHOD	VALUE				
ISO Grade			220	320	(390)	460	680
Viscosity at 40 °C	cSt	ASTM D 445	230	320	390	460	680
Viscosity at 100 °C	cSt	ASTM D 445	18	24	27.5	30	39
Viscosity index		ASTM D 2270	95	95	95	95	95
Density	g/cm ³	ASTM D 4052	0.896	0.901	0.904	0.906	0.907
Flash point	°C	ASTM D 92	230	235	240	265	265
Pour point	°C	ASTM D 97	-9	-9	-9	-9	-9
Water separability	min	ASTM D 1401	< 20	< 20	<30	<40	<40
TAN	mg KOH/g	ASTM D 664	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Rust resistance (Method A)		ASTM D 2272	Pass	Pass	Pass	Pass	Pass

A safety data sheet is available on request.

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