MAKER SYSTEM

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, approvals and recommendations

• DANIELLI: STANDARD No. 0.000.001

• DIN: 51524-HL

• MORGOIL®: MORGOIL® Lubrication Specification - MORGOIL® Advanced Lubricant

• DIN: 51517/2 - CL

• ISO: 6743/2 - FC

• SMS Group: SN 180-4

Technical specifications

	UNIT	METHOD	VALUE				
ISO Viscosity Grade			220	320	(390)	460	680
Kinematic viscosity at 40 ºC	cSt	ASTM D445	230	320	390	460	680
Kinematic viscosity at 100 ºC	cSt	ASTM D445	18	24	27,5	30	39
Viscosity index		ASTM D2270	95	95	95	95	95
Density at 15 ºC	g/cm3	ASTM D4052	0.895	0.901	0.901	0.902	0.900
Flash point, open cup	ºC	ASTM D92	230	235	240	265	265
Pour point	ºC	ASTM D97	-9	-9	-9	-9	-9
Water separability at 82 °C	min	ASTM D1401	<20	<20	<30	<40	<40
TAN	mg KOH/g	ASTM D664	<0,15	<0,15	<0,15	<0,15	<0,15
Rust, method A		ASTM D665	Pass	Pass	Pass	Pass	Pass

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