Saheli
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Product Data Sheet

Circula

Description and Applications

Saheli Circula series are industrial bearing and circulating oils primarily intended for lubrication of circulating systems, total loss systems, low or moderately loaded enclosed gears and air compressors where a straight mineral oil is recommended.

These oils are blended from high quality, solvent refined paraffinic base oil and anti-foam agents.

They possess inherent resistance to oxidation, high viscosity index, low carbon forming tendency, superior foam control and good water separating capabilities. These oils are **available in ISO 32 through ISO 680 viscosity grades**.

Features and Benefits

- Inherent resistance to oxidation minimizes sludge and varnish formation and resists oil degradation.
- High Viscosity Index ensures small changes of viscosity with change of temperature.
- Superior foam control avoids pump cavitations and maintains circulation efficiency.
- Good water separating capability promotes separation of water in reservoir and prevents it from re-circulating with the oil.

Applications

- Wide variety of following industrial applications requiring straight mineral oils: Circulatory systems
- Low or moderately loaded enclosed gears not requiring EP or anti-wear properties
- Plain and rolling element bearings
- Total loss systems
- Air compressors

Test Parameters		Test Method	Typical Results								
ISO VG			32	46	68	100	150	220	320	460	680
Density @ 15°C gm/cm3		ASTM D1298	0.87	0.874	0.881	0.886	0.89	0.894	0.898	0.902	0.915
Viscosity Index		ASTM D2270	100	100	99	97	96	96	95	95	92
Viscosity @ 40°C (cSt)		ASTM D 445	31.2	45.9	68.3	98.3	148.9	221	321.1	467	685
Pour Point °C		ASTM D 97	-18	-18	-15	-12	-9	-6	-6	-3	0
Flash Point (COC) °C		ASTM D 92	202	210	218	230	246	256	266	280	290
Rust Test		ASTM D 665A/B	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Emulsion Test 30 Min. Max	@54°C	ASTM D 1401	Pass	Pass	Pass	-	-	-	-	-	-
	@82°C		-	-	-	Pass	Pass	Pass	Pass	Pass	Pass
Foam test, foam after 10mn of setting for all sequences		ASTM D 892	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

The information contained in this data sheet are indicative and correspond to the date of publication of this document. The above data are based on laboratory tests. It is the reader's interest to ensure whether the most recent version of the data sheet. A safety data sheet is available on request by our sales consultant. For more information, please contact the sales department.
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