



## Aircol SR 68

Synthetic turbocharger and rotary compressor oil

### Description

Aircol SR 68 is a polyalphaolefin-based synthetic compressor oil, using an advanced additive system to enhance thermal and oxidation stability and reduce component wear.

### Application

Aircol SR 68 is intended for use in Marine turbochargers and rotary compressors where it will provide significant in-service benefits when compared with other mineral and synthetic based lubricants.

Aircol SR 68 is also particularly suitable for use in oil-flooded rotary screw compressors. It has outstanding oxidation stability and anti-wear performance. The ester-free formulation eliminates acidic corrosion resulting from hydrolysis.

Aircol SR 68 is not suitable for use in Reciprocating Air Compressors for which Aircol SN is recommended.

### Conditions of Use

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

### Advantages

Aircol SR 68 provides significant benefits when used as a system oil in separately lubricated turbochargers, where extended oil change intervals will be possible.

The performance of Aircol SR 68 compressor oil offers the following specific benefits:

- Extended service intervals.
- Reduced maintenance.
- Extended drain periods.
- Cleaner operation.
- Reduced friction.

## Typical Characteristics

Name	Method	Units	Aircol SR 68
Density @ 15°C, Relative	ASTM D4052	g/ml	0.839
Viscosity, Kinematic 40°C	ASTM D445	mm <sup>2</sup> /s	68
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s	10.7
Foam Sequence I, Tendency	ASTM D892	ml	10
Foam Sequence I, Stability	ASTM D892	ml	0
Demulsification 54°C, mins to 40/37/3	ASTM D1401	minutes	15
Viscosity Index	ASTM D2270	-	142
Pour Point	ASTM D97	°C	-54
Rust Test, Procedure B	ASTM D665	-	Pass
Rotating bomb	ASTM D2272	minutes	3000
Air Release Mins to 0.2%v @ 50°C	IP 313	minutes	2
Acid Number, Total (Potentiometric)	ASTM D664	mg KOH/g	0.1
Copper Corrosion, 3hrs @ 100°C	ASTM D130	-	1B
FZG Gear Test ( A/8.3/90 )	DIN 51354	FLS	9
Flash Point, PMCC	ASTM D93	°C	235

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

## Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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