Product Data

Aircol SN 68 & 100

Synthetic Reciprocating Air Compressor oils

Description

Aircol SN 68 and 100 are diester based synthetic lubricants with excellent oxidation resistance and low carbon-forming tendency.

Application

Aircol SN 68 and 100 were developed to cope with the severe operating conditions experienced in reciprocating air compressors operating at high compression ratios and high discharge temperatures of up to 220 deg C. Under these conditions, Aircol SN 68 and 100 offer a much reduced carbon forming tendency and extended oil life when compared to mineral oil. Whilst Aircol SN 68 was primarily intended for the use in reciprocating air compressors, it may also be used in certain types of turbocharger, where it will provide significant in-service benefits when compared with mineral based lubricants.

Features and Benefits

Castrol Aircol SN combines excellent protection, long life and cleanliness in operation to provide the following key benefits:

- Low carbon forming tendency giving longer valve life, longer intervals between cylinder head overhauls and greater reliability when operating at high discharge temperatures.
- Improved lubricity and film strength minimises cylinder and ring wear and also improves air quality by allowing feed rates to be reduced without detrimental results.
- Reduced compressor down time due to less wear on all moving parts, longer machine life and reduced maintenance.

Technical Data

Name	Method	Units	Aircol SN 68	Aircol SN 100
ISO Viscosity Grade			68	100
Viscosity, Kinematic 40°C	ASTM D445	mm²/s	68	100
Viscosity, Kinematic 100°C	ASTM D-445	mm²/s	7.6	10.3
Viscosity Index			67	89
Relative Density @ 15°C		g/ml	0.96	0.96
Pour Point	ASTM D5950	°C	-40	-40
Flash Point, COC	ASTM D92	°C	>200	>200

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

Care and Handling

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

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 600C, exposed to hot sun or freezing conditions.

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The Technology Centre, Whitchurch Hill, Pangbourne, Reading, RG8 7QR, United Kingdom
+44 (0)203 915 7991
www.castrol.com/globalbusiness