

Product &

Aircol SN Synthetic Air Compressor Oils

Technical Data

INTRODUCTION

Castrol Aircol SN air compressor lubricants are formulated using high quality synthetic ester base stocks with an additive system designed to enhance thermal and oxidation stability and reduce component wear.

The products are primarily intended for use in reciprocating air compressors. However they may be used in certain types of turbocharger, where they will provide significant in-service benefits when compared with mineral based lubricants.

FEATURES AND BENEFITS

The performance of **Castrol Aircol SN** compressor oils offer the following specific benefits:

- v **Less maintenance**
- v **Extended crankcase drain periods**
- v **Cleaner operation**

These results from the superior oxidation stability of **Castrol Aircol SN**, which minimises carbon build up and provides extended valve life. In reciprocating units, the **Castrol Aircol SN** grades can last up to eight times longer than mineral oils.

Improved lubricity and film strength allows for a reduction in the feed rate to the cylinder walls and piston rings with no detrimental effect. Since less lubricant is consumed, the downstream air is of higher quality. Reduced compressor downtime, higher film strength and excellent anti-wear properties mean less wear on all moving parts, providing for a longer machine life expectancy and less repairs.

Easier start-up operation. Castrol Aircol SN has improved low temperature performance, its low pour point allowing for easier initial circulation. The low frictional properties and high film strength of Castrol Aircol SN lead to improved efficiency and marginally lower power requirements.

Castrol Aircol SN's high auto ignition temperature gives greater safety by reducing the possibility of downstream fires and explosions. In addition, the high solvency of Castrol Aircol SN leads to less varnish and carbon build up and thus cleaner operation.

Aircol SN is approved by ABB Turbo Systems Ltd as a "List 3" Synthetic oil.

TECHNICAL DATA

Typical Characteristics	Aircol SN 68	Aircol SN 100
Density @ 15°C, kg/ltr	0.96	0.96
Viscosity @ 40°C, cSt	67.0	95.0
Viscosity @ 100°C, cSt	7.6	10.1
Viscosity Index	69	89
Flash Point C.O.C., °C	271	252
Pour Point, °C	-39	-39

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