

Description

Castrol Aircol SN 100 is blended from synthetic diester oils, which have been formulated to meet the exacting requirements of modern air compressors. Castrol Aircol SN 100 is specially developed to give superior oxidation stability, minimal carbon build-up and extended valve life.

Applications

- Castrol Aircol SN 100 is recommended for use in rotary screw and vane type air compressors, but is especially useful for single and multi-stage reciprocating air compressors, according to manufacturers' specifications.
- Castrol Aircol SN 100 may also be recommended for hydraulics, pump bearings, circulating and oil mist systems where extremely high temperatures are experienced (above 100°C).
- Castrol Aircol SN 100 provide exceptional resistance to degradation at high temperatures, ensuring longer service life.

Compatibility With Mineral Oils

Castrol Aircol SN 100 is compatible with non-detergent mineral compressor lubricants, although the resultant mixing of the lubricants will result in a reduction of performance. The mixing of any synthetic oil with mineral oil should, nevertheless, be avoided.

Advantages / Features

- Safe to use and higher productivity.
- Reduced lubricant consumption.
- Low deposit formation, eliminating compressor fires and explosions.
- Decrease downtime and maintenance costs.
- Higher performance from synthetic base.
- Foaming and oxidation is reduced due to excellent air release properties.
- Extended oil life in reciprocating compressors, up to 8 times as long as standard mineral grades.
- Synthetic diester oils.
- Excellent lubricity.
- Low volatility.
- Excellent air release properties.

CAUTION Contamination with automatic transmission fluids and detergent oils such as engine oils must be avoided.

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Aircol SN 100

Typical Characteristics

Aircol SN 100	
Density at 20°C (kg/l)	0.960
Viscosity at 40°C (mm ² /s)	100.0
Viscosity at 100°C (mm ² /s)	10.48
Pour Point (°C)	-36
Flash Point (°C)	250
Base	Synthetic Diester

Performance Specifications

Atlas Copco; Joy Manufacturing; Compare - Reavell; Ingersoll Rand.