



Technical Data Sheet

CASTROL AIRCOL SN RANGE

DESCRIPTION:

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

APPLICATION:

- The Castrol Aircol SN range 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 grades 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 grades provide exceptional resistance to degradation at high temperatures, ensuring longer service life.

COMPATIBILITY WITH MINERAL OILS:

Castrol Aircol SN grades are 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.

BENEFITS/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.

PERFORMANCE SPECIFICATIONS:

Castrol Aircol SN grades are suitable for and/or approved by the following manufacturers:

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

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

TYPICAL CHARACTERISTICS:

Castrol Aircol SN	68	100
Product Code	35174	35187
Density at 20°C (kg/l)	0.951	0.960
Viscosity at 40°C (mm ² /s)	68.0	100.0
Viscosity at 100°C (mm ² /s)	7.72	10.48
Pour Point (°C)	-36	-36
Flash Point °(C)	260	250
Base	Synthetic Diester	Synthetic Diester

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