

PRODUCT & TECHNICAL DATA

AIRCOL PD Mineral Air Compressor Oils

DESCRIPTION

Numbered according to the ISO 3448 viscosity classification the Castrol Aircol PD air compressor lubricants are produced from high quality base oils ensuring a good natural resistance to oxidation. They contain antioxidants, which further resist oxidation, and protection against rusting is afforded by the inclusion of selected corrosion inhibitors.

In line with the DIN 51506 specification, these grades are recommended for air compressors with air discharge temperatures up to 220°C. In fact, these oils have given excellent results in compressors in which much higher air discharge temperatures have been recorded.

FEATURES/BENEFITS

The Castrol Aircol PD range is approved by leading compressor manufacturers, and can be confidently recommended to promote efficient, economical and safe operation in air compressors of all types.

The following characteristics of Aircol PD oils contribute to their high performance: -

Excellent resistance to oxidation.

- ◆ Minimum carbonisation and fire and explosion risks.
- ◆ Longer maintenance and overhaul intervals.
- ◆ Reduced valve replacement and delivery
- ◆ Pipework cleaning.
- ◆ Minimum down time of compressors. Lower oil consumption.
- ◆ Extended oil drain intervals.
- ◆ Superior protection against rusting and corrosion.
- ◆ Easy low temperature starting.

TECHNICAL DATA

Typical Characteristics	Aircol			
	PD 32	PD 68	PD 100	PD 150
Density @ 15°C, kg/ltr	0.873	0.878	0.8785	0.893
Viscosity @ 40°C, cSt	32	68	100	150
Viscosity @ 100°C, cSt	5.57	8.57	11.4	15.0
Viscosity Index	110	96	100	100
Flash Point, °C	216	222	243	246
Pour Point, °C	-27	-15	-12	-12
VD-L Grade Number (DIN 51506)	32	68	100	150
Conradson Carbon Residue after Pneurop oxidation, %	2.3	2.8	3.0	3.7
Oxidation, IP 280				
Sludge, %	0.1	0.1	0.1	0.1
TOP, %	0.3	0.4	0.4	0.4