



## Product Data

# Castrol Aircol<sup>®</sup> PD

Air Compressor Oils

### Description

**Castrol Aircol<sup>®</sup> PD** is formulated from highly refined paraffinic base stocks and incorporates additives to improve oxidation resistance and thermal stability in addition to the inherently good demulsification performance.

### Performance Benefits

**Castrol Aircol<sup>®</sup> PD** Conforms to DIN 51506 VD-L for compressors with air discharge temperatures up to 220°C

- Excellent resistance to oxidation
- Minimum carbonisation and fire and explosion risks
- Longer maintenance and overhaul intervals
- Lower oil consumption
- Superior protection against rust and corrosion

### Recommended Applications

**Castrol Aircol<sup>®</sup> PD** oils have been developed to meet all the lubrication requirements of air compressors, and are recommended not only for the cylinders of high performance portable and stationary reciprocating units but also for rotary compressors, whether drip-fed or oil flooded, for crankcases and for oil reservoirs in circulation systems.

This range comprises five viscosity grades, **Castrol Aircol<sup>®</sup> PD 32, PD 46, PD 68, PD 100, and PD 150**. Selection should follow the compressor manufacturers' recommendation for the specific ambient temperatures applying but in general, for temperate conditions, the low viscosity grade, **Castrol Aircol<sup>®</sup> PD 32 and PD 46**, are required for rotary oil-flooded types while **Castrol Aircol<sup>®</sup> PD 68 and PD 100** would be selected for the crankcase and cylinders of reciprocating compressors. **Castrol Aircol<sup>®</sup> PD 150** would normally only be required for use in high ambient temperatures.

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## Typical Characteristics

Castrol Aircol®	PD 32	PD 46	PD 68	PD 100	PD 150
Density @ 20°C	0.870	0.875	0.875	0.890	0.890
Kinematic Viscosity, cSt					
@ 40°C	32.0	46.0	68.0	100.0	150.0
@ 100°C	5.57	6.76	8.73	11.4	15.0
Viscosity Index	110	100	100	100	100
Closed Flash Point, °C	216	220	222	243	246
Pour Point, °C	-27	-18	-15	-12	-12

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial North America Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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