



Aircol 200 Range

Mineral refrigeration compressor lubricants

Description

The Castrol Aircol 200 range of refrigeration lubricants is available as two grades of specially selected mineral oils, highly refined, to provide chemical and thermal stability. Their low wax forming tendencies ensure low pour points.

Application

The Castrol Aircol 200 range is specifically for use in refrigeration and air conditioning plants using fluorcarbon refrigerants. The exceptional low temperature characteristics of these oils prevent the flocculent precipitation of wax which can otherwise occur in high performance plant using Freon refrigerants.

In most systems using R22, the critical solution temperature characteristics of these oils are adequate to prevent oil/refrigerant separation problems within the low temperature circuits. Where evaporation temperatures are exceptionally low or in systems not incorporating oil/refrigerant separators, synthetic base refrigerant oils may be preferred.

Technical Data

Name	Method	Units	Aircol 266	Aircol 299
Density at 15°C	ASTM D4052	g/ml	0.91	0.92
Viscosity at 40°C	ASTM D445	mm ² /s	32	55
Viscosity at 100°C	ASTM D445	mm ² /s	4.1	5.9
Closed Flash Point	ASTM D93	°C	165	183
Pour Point	ASTM D97	°C	-40	-36
Floc Point	DIN 51351	°C	-54	-48

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Care and Handling

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Packaging and Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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Australia Level 8 (QV1 Building), 250 St. Georges Terrace, Perth WA 6000, Australia. Customer Service Number +61 (0)8 9420 1854

Dubai City Tower 2, 6th Floor PO BOX 1699, Sheikh Zayed Road, Dubai, U.A.E. Customer Service Number +971 4 3079304

Norway Drammensveien 167, Box 153 Skoyen, 0212 Oslo, Norway. Customer Service Number +47 22 51 12 43

Singapore Keppel Bay Towers, 1 Harbourfront Avenue 02-01, Singapore 098632, Singapore. Customer Service Number +65 6371 8478

United Kingdom BlueSky Business Space, Westpoint House, Pavilion 2 Prospect Park, Prospect Road, Amhall Business Park, Westhill. AB32 6FJ, UK.
Customer Service Number +44 (0)1224 766900

USA 501 Westlake Park Boulevard, Houston, Texas 77079, USA. Customer Service Number +1 800 339-7157

