



Aircol™ 266 & 299

Mineral Refrigeration Compressor Oil

Description

The Castrol Aircol™ 266 & 299 range of mineral based refrigeration oils is available as two grades of specially selected oils, highly refined, to provide chemical and thermal stability. Their low wax forming tendencies insure low pour points.

Application

Aircol 266 & 299 are specifically for use in refrigeration and air conditioning plants using fluorocarbon 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.

Typical Characteristics

| Name | Method | Units | Aircol 266 | Aircol 299 |
|-------------------------------------|------------------------|--------------------|------------|------------|
| Density @ 15°C / 59°F | ISO 12185 / ASTM D4052 | kg/m ³ | 910 | 920 |
| Kinematic Viscosity @ 40°C / 104°F | ISO 3104 / ASTM D445 | mm ² /s | 32 | 55 |
| Kinematic Viscosity @ 100°C / 212°F | ISO 3104 / ASTM D445 | mm ² /s | 4.1 | 5.9 |
| Pour Point | ISO 3016 / ASTM D97 | °C/°F | -40/ -40 | -36/ -33 |
| Flash Point - closed cup method | ISO 2719 / ASTM D93 | °C/°F | 165/ 329 | 183/ 361 |
| Floc Point | DIN 51351 | °C | -54 | -48 |

Subject to usual manufacturing tolerances.

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 60C, exposed to hot sun or freezing conditions.

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24 Mar 2017

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Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

<http://msdspd.castrol.com>