Product Data

Aircol 228 Range

Synthetic Refrigeration Compressor Lubricant

Description

The Castrol Aircol 228 range of refrigeration oils are formulated from selected alkyl-benzene base stocks.

Application

Suitable for use in R22 refrigeration systems with very low evaporator temperatures where Alkyl-benzene based lubricants are recommended by the manufacturer. These products may not be suitable for use in refrigeration systems employing screw compressors due to the high level of solubility of refrigerant in the lubricant, which may reduce its viscosity to unacceptable levels. However this is largely dependent on operating conditions.

Castrol Aircol 2284 can also be used in ammonia refrigeration compressors where an ISO VG 68 Alkyl-benzene based lubricant is recommended.

Features / Benefits

The Castrol Aircol 228 range of refrigeration oils has excellent miscibility and solubility characteristics with R22. The very low floc points enable the Aircol 228 range to be used in systems where evaporator temperatures are extremely low.

Technical Data

Name	Method	Units	Aircol 2283	Aircol 2284	Aircol 2285
Density at 15°C	ASTM D4052	g/ml	0.87	0.87	0.87
Kinematic Viscosity at 40°C	ASTM D445	cSt	46	68	100
Closed Flash Point	ASTM D93	°C	155	165	175
Pour Point	ASTM D97	°C	-33	-33	-30
Floc Point, R22	DIN 51351	°C	-55	-55	-50

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.

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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