Product Data

Aircol 99

Refrigeration compressor oil

Description

Aircol 99 is a refrigeration compressor lubricant formulated from highly refined naphthenic base oils for use in both large industrial and small domestic refrigeration units.

Application

Aircol 99 is formulated to function as a lubricant and coolant, as well as a sealant in refrigerating compressors. It maintains good lubrication properties at the high temperatures reached during the compression phase and good fluidity at the low temperatures within the evaporators. Excellent lubrication of the moving parts in the compressor as well as recycling of the oil, entrained into the system by the refrigerant, are therefore ensured.

The chemical stability of Aircol 99 prevents it from reacting with the refrigerants used in refrigeration systems to form potentially disruptive breakdown products. Aircol 99 is suitable for use in systems using Ammonia (NH3) or halogenated hydrocarbons. It can also be used where good low temperature flow properties are required in the lubricant.

Features / Benefits

Aircol 99 oil ensures long and trouble-free operation of refrigeration systems through a combination of:

- High thermal and chemical stability.
- Good temperature / viscosity behaviour.
- Good low temperature flow properties.

Technical Data

Name	Method	Units	Aircol 99
Density at 15°C, Relative	ASTM D1298	g/ml	0.9
Colour	ASTM D1500	-	1
Kinematic Viscosity at 40°C	ASTM D445	mm²/s	68
Pour Point	ASTM D97	°C	-27
Flash Point, COC	ASTM D92	°C	185
Neutralisation Number	ASTM D974	mg KOH/g	0.01

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

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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