FRIDGEWAY 68

Refrigeration compressor oil

Product description

FRIDGEWAY 68 is a high-quality, mineral oil based compressor oil. FRIDGEWAY 68 is recommended for lubricating refrigeration compressors and compressors for air-conditioning systems.

Application areas

FRIDGEWAY 68 is recommended for lubricating refrigeration compressors and compressors for air-conditioning systems. The product functions very well in systems that use CFCs, ammonia, HCFCs, carbon dioxide, ethylene chloride or sulphur dioxide as a refrigerant. One example of such systems is the STAL cooling compressors, which work with ammonia at vaporisation temperatures above -30 °C. Please note that this product must not be used where R134A is used as a refrigerant. CFCs (chlorofluorocarbons) and HCFCs (hydrochlorofluorocarbons) are both marketed under the trade name of Freon.

Characteristics and advantages

Refrigeration systems primarily works with ammonia or Freon as a refrigerant. Refrigerant compressors may be piston or rotary vane types. They are lubricated either by splashing oil in the crankcase or by means of a circulation system where the oil, after having passed through a filter and cooler, is injected into the compressor and is then transported back to the oil separator/oil tank. A certain amount of oil always goes into the cooling system and circulates back to the compressor. FRIDGEWAY 68 has good lubrication properties, a low solidification point and good solubility in the refrigerant. The oil is not affected chemically by the refrigerant and does not give rise to paraffin deposits in the cooling system. This means trouble-free operation and reduced maintenance.

Tests and approvals

British standard BS 2626:1992, Meets the demands according to DIN 51503

Handling and storage

Avoid skin contact. In the event of contact with skin, wash with soap and water. Dispose of used oil at a recycling station or equivalent. Safety data sheets are available on www.statoillubricants.com or supplied on request.

Typical Data

Characteristics	Typical value	Unit	Method
Density at 15°C	902	kg/m³	ISO 12185
Flash point COC	198	°C	ISO 2592
Flash point PM	194	°C	ISO 2719
Pour point	-30	°C	ISO 3016
Viscosity at 40°C	66	mm²/s	ISO 3104
Viscosity at 100°C	6.7	mm²/s	ISO 3104

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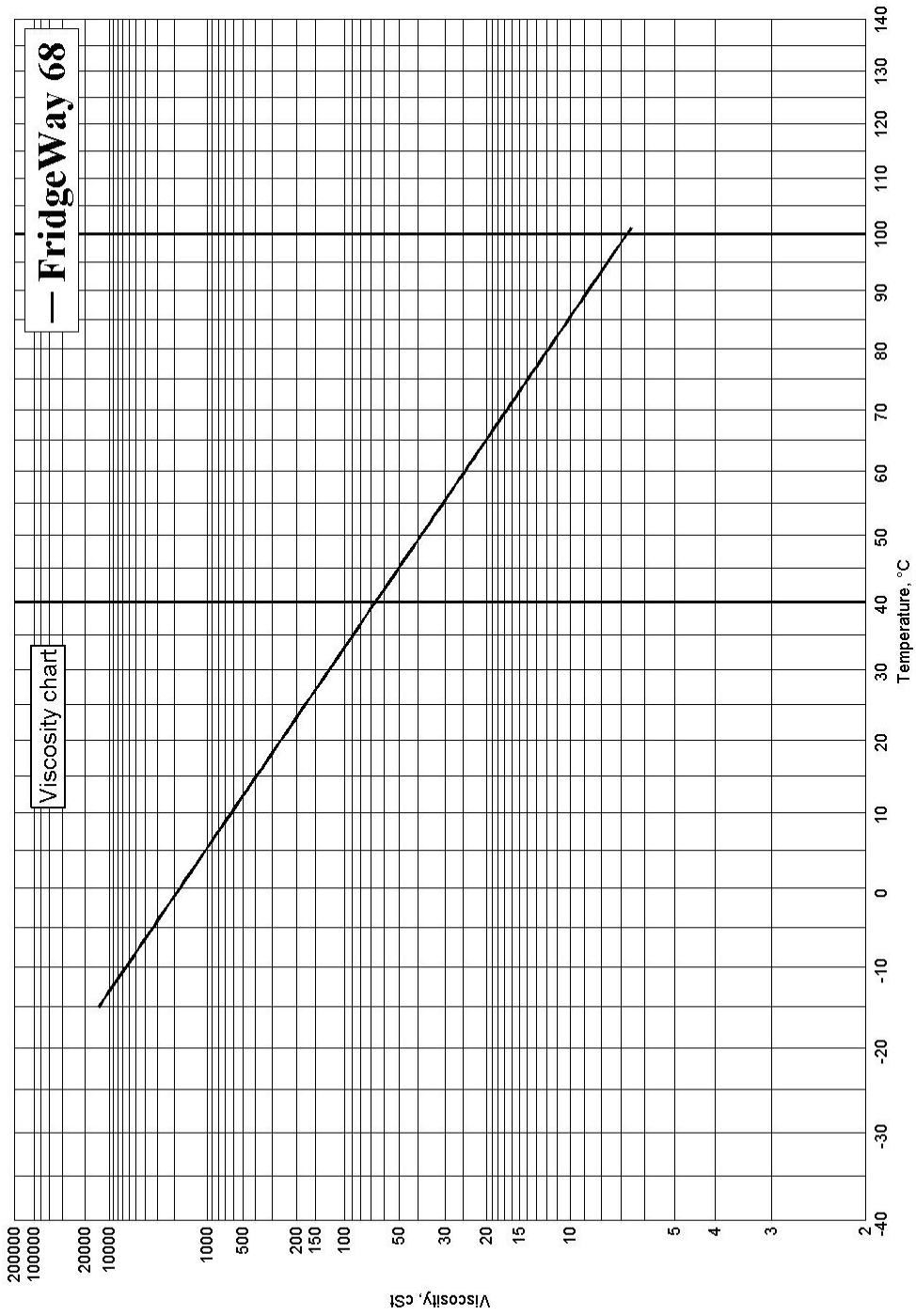

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