

FRIDGEWAY S 100

Synthetic oil for refrigerator compressors

Product description

FRIDGEWAY S 100 is a synthetic refrigeration compressor oil based on alkylbenzene with additives for optimised chemical stability. The product is recommended for refrigeration compressors of piston or rotary vane types, which use a specific refrigerant.

Application areas

FRIDGEWAY S 100 is recommended for all refrigeration compressors of piston or rotary vane type that use Freon (R22, R123 or R502) as a refrigerant. The product can also be used where ammonia is the refrigerant if the compressor manufacturer stipulates this type of oil. The good miscibility with CFCs means that FRIDGEWAY S 100 can be used down to really low temperatures around -50 °C. Please note that this product must not be used where R134A or sulphur dioxide is used as a refrigerant.

Characteristics and advantages

FRIDGEWAY S 100 contains additives which prevent oxidation and improve chemical stability. The product has excellent miscibility with CFCs, which means optimal function even at very low temperatures. The product's low flocculation point and low pour point reduces the risk of wax formation and the blockage of essential parts in the compressor. This leads to reduced maintenance costs and more reliable operation over a long time.

Tests and approvals

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	869	kg/m ³	ISO 12185
Flash point COC	200	°C	ISO 2592
Pour point	-36	°C	ISO 3016
Viscosity at 40°C	105	mm ² /s	ISO 3104
Viscosity at 100°C	7	mm ² /s	ISO 3104

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