SLK KRUIZER™ LUBRICATION

TECHNICAL DATA SHEET

REFRIGERATION COMPRESSOR OIL

DESCRIPTION

KRUIZER REFRIGERATION COMPRESSOR oil is formulated with high quality oil for lubrication of refrigeration and air conditioning compressors formulated from selected naphthenic base oils having excellent oxidation stability & selected additive package. It provides very low pour points, very low floc point, high resistance to deposit formation and chemical and thermal stability to provide excellent performance over long service period. It is designed to operate at extremely low temperatures whilst minimizing the buildup of varnish, sludge and waxy deposits which can block filters and affect the performance and efficiency of refrigeration compressors. It is suitable for both screw and reciprocating refrigeration compressors. It is suitable for ammonia and most other commonly used refrigerants.

APPLICATIONS

- Reciprocating and centrifugal compressors used in refrigeration/chilling systems.
- Refrigeration systems, chillers and cold storage compressors Not recommended for use in breathing air compressors.
- All types of screw and reciprocating refrigeration compressors where ammonia and most other types of commonly used refrigerants are in use.
- Ideal for refrigeration compressors with oil recirculating systems fitted. Standard compressor oils are usually total loss due to the degraded condition of the oil.

ADVANTAGES & BENEFITS

- It has an extremely low pour point of -45°C.
- It has been developed with an intermediate viscosity of 57 Cst at 40°C to replace both ISO VG 46 and ISO VG 68 oils.
- It has good compatibility with materials used in refrigeration systems for increased pump reliability and efficiency.
- It exhibits high thermal stability with low volatility for a long service life.
- It is extremely low waxing when operating at extreme low temperatures whilst proving to be highly resistant to carbonization at the high temperature end.
- It can be recirculated offering major cost savings over conventional oils that are used as total loss.

Typical Properties

ISO Grade	22	32	46	68
Appearance	Clear & Bright			
Density @15°C	0.858	0.860	0.868	0.866
Flash point	174	180	190	200
Viscosity of base oil @40°C	22	32	46	68
Pour point	-39	-36	-38	-42
Floc Point	-60	-60	-55	-55
TAN	0.03			

The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous edition.

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

SLK ENTERPRISES
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