Rivolta®

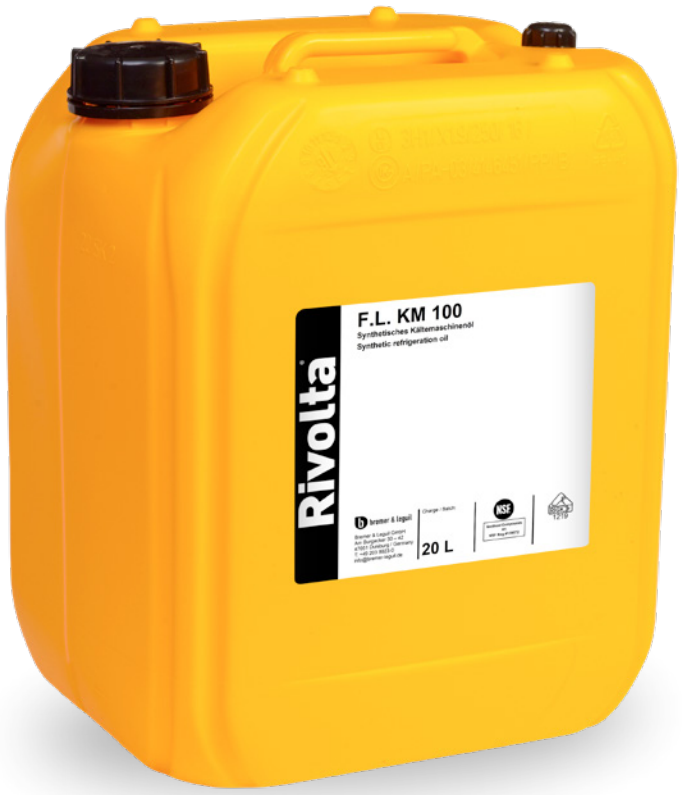
bremer & leguil

F.L. KM 100

Synthetic refrigeration oil

The benefits at a glance

- NSF-H1 registered
- Fully synthetic
- Excellent low temperature flowbility
- Little evaporation losses
- High thermal and chemical stability under the influence of NH3
- Excellent lubricating properties
- Ageing resistant
- Reduces friction, wear and the consumption of energy



Properties

Rivolta F.L. KM 100 is a synthetic refrigeration oil based on poly-alphaolefins (PAO). It excels in its high thermal and chemical stability, good lubricating properties and an excellent viscosity-temperature-behaviour. **F.L. KM 100** fulfils requirements which are not or insufficiently met by mineral oil-based refrigeration oils. **F.L. KM 100** is NSF-H1 registered. The product meets and exceeds the requirements according to DIN 51503-1, category KAA, of refrigeration oils, which are not miscible with ammonia (NH3) and which are based upon synthetic hydrocarbons.

Fields of application

Refrigeration plants/ refrigeration technology:
- catering
- bakeries
- butcher's shops
- dairies
- beverage production

Material compatibility

A consistency is given with mineral oil resistant sealing materials. The product is miscible with mineral oils and polyalpholefin oils but not with polyalkylene glycol.

Preparation of the lubricating point

First drain the old product. If the system was filled with a miscible product, no particular flushing is necessary before the new filling with **Rivolta F.L. KM 100**. The full performance only results from an unmixed use. If the system was filled with an oil which is not miscible, a flushing with **F.L. KM 100** must be included before the new filling.

Instructions for use

Suitable application devices and accessories in our accessories brochure.

Form	liquid
Colour	light-transparent
Odour	neutral

Available in:
- 10 l cans
- drums (60 l and 200 l)

	Value	Norm
NSF Reg.-No.	139372	–
Density at +15 °C	0,84 g/cm³	DIN 51757
ISO viscosity grade	68	DIN 51519
Viscosity index	> 140	DIN ISO 2909
Kine. Viscosity at +40 °C	68 mm²/s	DIN 51562-1
Kine. Viscosity at +100 °C	10,7 mm²/s	DIN 51562-1
Flashpoint	+262 °C	DIN EN ISO 2592
Pourpoint	-59 °C	DIN ISO 3016

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