



Lubrita Refrigerator Oil KCE 46

Refrigerator oil

ST-ICO-4164
Refrigerator oils

Product Description and Benefits

This refrigerator oil is a pure mineral naphtenic oil, based upon specially refined base oils to obtain the following properties:

- a very good chemical stability even at high temperatures
- excellent thermally stable
- very low flock point and pour point
- very good demulsification properties
- very high sparking voltage

Application

This refrigerator oil is suitable for the majority of the closed refrigerator systems, operating at very low evaporator temperatures and high terminal loads, this oil can be used for the hermetic units fitted to domestic refrigerators and deepfreezes including industrial cooling systems who work with refrigerants like ammonia, propane and halogen compounds.

Lubrita Refrigerator Oil KCE 46 meets the following performance specifications:

DIN 51503, KAA, KC, KE.

Typical Analysis

Property	Unit	Typical Value
Density @15°C	kg/	0,891
Viscosity 40 °C	mm ² /s	46,00
Viscosity 100 °C	mm ² /s	5,80
Viscosity Index		45
Flash Point PM	°C	194
Flash Point COC	°C	170
Pour Point	°C	-42
Sulphate Ash	%	0,00
Floc Point	°C max.	-50
Sparking voltage	kV (min)	30

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment. Lubrita check oil level design is trade mark of PMM Ltd. or one of it's subsidiaries.

More information available:

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