

Sabroe A100

Synthetic Refrigeration Oil

Product Description

Sabroe A100 Synthetic Refrigeration Oil is a premium quality synthetic compressor lubricant based on alkyl benzene which have superior miscibility with hydrochlorofluorocarbons (HCFCs) as R22. This allows the oil to be used in very low temperature applications, down to -60 °C.

Features and Benefits

Miscibility with halocarbons Increased system efficiency and reliability

Low pour and floc points Avoids wax precipitation securing increased system efficiency

Chemical stability Long oil service life

Applications

Sabroe A100 Synthetic Refrigeration Oil is particularly suited for use in refrigeration compressors in HCFC systems.

Sabroe A100 Synthetic Refrigeration Oil may also be used in ammonia systems in certain circumstances.

Typical Properties

Test Procedure	Typical	Test Method
Viscosity @ 40°C, cSt	97	ASTM D445
Viscosity @ 100°C, cSt	8.0	ASTM D445
Viscosity Index	13	ASTM D2270
Specific Gravity, g/ml	0.86	ASTM D4052
Pour Point, °C	-33	ASTM D97
Flash Point, °C	195	ASTM D92
R22 Floc Point, °C	-50	DIN 51518
Acid no., mg KOH/g	0.05	ASTM D974

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