

Emkarate® RL 170H

Refrigeration Compressor Lubricant



Description

Emkarate® RL 170H is a cSt 170 synthetic polyol ester (POE) lubricant formulated specifically for use in refrigeration and air-conditioning compressors using HFC refrigerants. This product provides effective wear protection for steel and aluminium surfaces for increased system life and improved efficiency and is suitable for both initial fill and service fill. The combination of low temperature characteristics and unparalleled chemical and thermal stability enable the use of **Emkarate® RL 170H** over a wide operating temperature range.

Typical Properties*

Analysis	Method	Typical Value
Viscosity @ 40°C, cSt.	ASTM D445	162.2
Viscosity @ 100°C, cSt.	ASTM D445	16.66
Viscosity Index	ASTM D2270	109
Density @ 20°C, g/ml	ASTM D4052	0.968
Flash Point, °C	ASTM D92	295
Pour Point, °C	ASTM D5950	-34
Total Acid Number, mgKOH/g	ASTM D974	0.03
Color	ASTM D1500	L0.5
Water, ppm	ASTM D6304	<50

*These values are not intended for use in preparing specifications.

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