

Emkarate[®] RL 100H

Typical Properties Data Sheet

Product Description:

Emkarate RL 100H is an ISO VG 100 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 100H over a wide operating temperature range.

Analysis	Method	Typical Value
Viscosity @ 40°C (cSt)	ASTM D445	96.5
Viscosity @ 100°C (cSt)	ASTM D445	11.3
Viscosity Index	ASTM D2270	103
Density @ 20°C (g/ml)	ASTM D1298	0.969
Pour Point (°C)	ASTM D97	-28
Flash Point COC (°C)	ASTM D92	260
Acid Value (mg KOH/g)	ASTM D974	<0.05

These values are not intended for use in preparing specifications. Additional technical information such as water content is available upon request.



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