

# Emkarate® RL 46H

## Refrigeration Compressor Lubricant



### Description

**Emkarate® RL 46H** is an ISO VG 46 synthetic polyol ester (POE) lubricant formulated specifically for use in refrigeration and air-conditioning compressors using carbon dioxide, hydrocarbon, and synthetic refrigerants. This product provides effective wear protection for steel and aluminum 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 46H** over a wide operating temperature range.

### Typical Properties\*

Analysis	Method	Typical Value
Viscosity @ 40°C, cSt.	ASTM D445	46.3
Viscosity @ 100°C, cSt.	ASTM D445	7.3
Viscosity Index	ASTM D2270	121
Density @ 20°C, g/ml	ASTM D4052	0.9767
Flash Point, °C	ASTM D92	242
Fire Point, °C	ASTM D92	248
Pour Point, °C	ASTM D5950	-47
Total Acid Number, mgKOH/g	ASTM D974	0.03
Color	ASTM D1500	0.1
Water, ppm	ASTM D6304	<50

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

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