

Emkarate® RL 68HB

Refrigeration Compressor Lubricant



Description

Emkarate® RL 68HB is an ISO VG 68 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, unparalleled chemical and thermal stability enable the use of **Emkarate® RL 68HB** over a wide operating temperature range.

Typical Properties*

Analysis	Method	Typical Value
Viscosity @ 40°C, cSt.	ASTM D445	66.0
Viscosity @ 100°C, cSt.	ASTM D445	9.8
Viscosity Index	ASTM D2270	116
Density @ 20°C, g/ml	ASTM D4052	0.9816
Flash Point, °C	ASTM D92	266
Fire Point, °C	ASTM D92	276
Pour Point, °C	ASTM D5950	-43
Total Acid Number, mgKOH/g	ASTM D974	0.03
Color	ASTM D1500	0.2
Water, ppm	ASTM D6304	<50

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

CPI Fluid Engineering
www.CPIFluidEngineering.com

North and South America
The Lubrizol Corporation
2300 James Savage Road
Midland, MI 48642, USA

Telephone: 1 (989) 496-3780
Email: sales@cpifluideng.com

Europe, Middle East and Africa
Lubrizol Limited
H224, Wilton Center
Wilton
Redcar
TS10 4RF, UK

Telephone: +44 1642 565266
Email: euafricamesales@cpifluideng.com

Asia-Pacific
Lubrizol Southeast Asia (Pte) Ltd
44 Tanjung Penjuru
Singapore 609032

Telephone: +65 6663 8684
Email: asiasales@cpifluideng.com

