

# Emkarate® RL 4MO

Thermally stable and cleaner performance



## Description

**Emkarate® RL 4MO** is formulated from a selection of highly refined naphthenic mineral oil base stocks to provide outstanding performance and long life in today's refrigeration systems. RL MO Series lubricants are designed to meet OEM requirements for compressor lubrication at extreme operating conditions.

**Emkarate® RL 4MO** is chemically and thermally stable for cleaner operating performance, has virtually no wax content which prevents deposits leading to system restrictions while providing the required miscibility with HCFC, CFC and low GWP natural refrigerants.

Property	Typical Value	Method
Appearance	Clear, Sediment Free	Visual
Viscosity @ 40°C (cSt)	54	ASTM D445
Viscosity @ 100°C (cSt)	6.1	ASTM D445
Density @ 20°C (g/cc)	0.909	ASTM 4052
Flash Point (°C)	>176	ASTM D92
Dielectric Breakdown (kV)	36	ASTM D877
Floc Point (°C)	-47	ASHRAE 86
Water Content, (ppm)	<50	ASTM D6304

**CPI Fluid Engineering**  
www.cpifluideng.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  
Pavilion One, Belasis Court  
Greenwood Road  
Stockton-on-Tees  
TS23 4AZ, UK

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

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

Telephone: + 65-66638 684  
Email: asiasales@cpifluideng.com

