

Emkarate[®] RL 32-3MAF

Typical Properties Data Sheet

Product Description:

Emkarate RL 32-3MAF is an ISO VG 32 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 32-3MAF over a wide operating temperature range.

Analysis	Method	Typical Value
Viscosity @ 40°C (cSt)	ASTM D445	31.2
Viscosity @ 100°C (cSt)	ASTM D445	5.6
Viscosity Index	ASTM D2270	125
Pour Point (°C)	ASTM D97	-40
Density @ 20°C (g/ml)	ASTM D1298	0.981
Flash Point COC (°C)	ASTM D92	240
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.



North America:
2300 James Savage Road
Midland, MI 48642
Phone: 989 496-3780
Fax: 989 496-2313

Europe:
Belasis Business Centre
Greenwood Road
Stockton-on-Tees
TS23 4EA, UK
Phone: +44 1642 565266
Fax: +44 1642 566224

Asia:
27F, Majesty Building
138 Pu Dong Avenue
Pu Dong New District
Shanghai, China 200120
Phone: 86 21 3866 0568
Fax: 86 21 5887 6939