

Emkarate®RL 100E

Typical Properties Data Sheet

Product Description:

Emkarate RL 100E 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 RL100E over a wide operating temperature range.

Analysis	Method	Typical Value
Viscosity @ 40°C (cSt)	ASTM D445	100
Viscosity @ 100°C (cSt)	ASTM D445	11.9
Viscosity Index	ASTM D2270	109
Pour Point (°C)	ASTM D97	-45
Flash Point COC (°C)	ASTM D92	270
Acid Value (mg KOH/g)	ASTM D974	<0.05
Density @ 20°C (g/ml)	ASTM D1298	0.970

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

OEM: Emkarate RL H: McQUAY Emkarate RL H: USA MILITARY Emkarate RL H: J&E HALL (APV BAKER)
 Emkarate RL H: PRESTCOLD Emkarate RL H: ROTOCOLD Emkarate RL H: ROYCE Emkarate RL H: SABROE
 Emkarate RL H: SEA CONTAINER Emkarate RLH: SRM Emkarate RL H: TECUMSEH Emkarate RL H: TECUMSEH
 (Europe) Emkarate RL H: THERMOKING Emkarate RL H: TRANE Emkarate RL H: VATANU-COOL ROTARYVANE
 Emkarate RL H: HARTFORD Emkarate RL H: F BLISSFIELD Emkarate RL H: BOCK Emkarate RL H: ARTIC CIRCLE
 Emkarate RL H: BITZER Emkarate RL H: CARRIER(CAES) Emkarate RL H: CARRIER (CARLYLE) Emkarate RL H:
 CARRIER (TRANSICOLD) Emkarate RL H: COPELAND Emkarate RL H: DORIN Emkarate RL H: DUNHAM BUSH
 Emkarate RL H: ELGIN MAQUINAS Emkarate RL H: FRASCOLD Emkarate RL H: RIGOPOL Emkarate RL H:
 GELPHAFRED



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