

Emkarate[®] RL 68HB

Typical Properties Data Sheet

Product 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 HFC refrigerants and CO₂ compressors. 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 68HB over a wide operating temperature range.

| Analysis | Method | Typical Value |
|-------------------------|------------|---------------|
| Viscosity @ 40°C (cSt) | ASTM D445 | 66.6 |
| Viscosity @ 100°C (cSt) | ASTM D445 | 9.4 |
| Viscosity Index | ASTM D2270 | 120 |
| Pour Point (°C) | ASTM D97 | -39 |
| Density @ 20°C (g/ml) | ASTM D1298 | 0.980 |
| Flash Point COC (°C) | ASTM D92 | 270 |
| 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.



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