

EVEREST® 68

Synthetic Refrigeration Lubricant

DESCRIPTION

EVEREST® 68 is a formulated ISO 68 grade synthetic polyol ester refrigeration lubricant compatible with HFC refrigerants, including R-134a, R-404A, R-407C, R-410A and R-507.

FEATURES & BENEFITS:

- Compatible with HCFC & HFC refrigerants
- Suitable for use with R-134a, R-404A, R-407C, R-410A and R-22 retrofit blends such as R-417, R-422A, R-422D and R-427

APPLICATIONS:

Reciprocating, rotary, scroll, centrifugal/screw refrigeration compressors

SPECIFICATION PROPERTIES OF EVEREST® 68

PROPERTY	SPECIFICATIONS	METHOD
Appearance	Bright and Clear Liquid	Visual
Kinematic Viscosity @ 100 °C, cSt	7.9 -8.7	ASTM D-445
@ 40 °C, cSt	61.2 -68.0	ASTM D-445
Pour Point, °C	-36 max	ASTM D-5950
Density @ 15.6°C, lbs./gal	8.00 - 8.10	ASTM D-4052
Total Acid Number, mg KOH/g	0.10 max	ASTM D-974 mod
Water, ppm	50 max	ASTM D-1533
ASTM Color	0.5 max	ASTM D-1500



TYPICAL PROPERTIES OF EVEREST® 68

PROPERTY	TYPICAL INSPECTIONS	METHOD
Kinematic Viscosity @ 100 °C, cSt	8.3	ASTM D-445
@ 40 °C, cSt	64.9	ASTM D-445
Viscosity Index	96	ASTM D-2270
Total Acid Number, mg KOH/g	0.02	ASTM D-974 mod
Flash Point, °C	256	ASTM D-92
Pour Point, °C	-40	ASTM D-5950
Specific Gravity, 15.6 °C/15.6 °C	0.967	ASTM D-4052
Density @ 15.6 °C, lbs/gal	8.05	ASTM D-4052
Water, ppm	25	ASTM D-1533
Low Temperature Miscibility Limit (10 Vol % lubricant in refrigerant, °C)		Sealed Tube
R-134a	< -35	
R-404A	< -60	
R-407C	< -35	
R-410A	< -30	
R-507	< -60	



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