

EVEREST® 32

Synthetic Refrigeration Lubricant

DESCRIPTION

EVEREST® 32 is a formulated ISO 32 grade synthetic polyol ester refrigeration lubricant compatible with HFC refrigerants, including R-134a, R-404A, R-407C and R-410A.

APPLICATIONS:

Reciprocating, rotary and scroll refrigeration compressors.

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

SPECIFICATION PROPERTIES OF EVEREST® 32

PROPERTY	SPECIFICATIONS	METHOD
Appearance	Bright and Clear Liquid	Visual
Kinematic Viscosity @ 100 °C, cSt	5.2 - 5.8	ASTM D-445
@ 40 °C, cSt	29.7 - 34.2	ASTM D-445
Pour Point, °C	-48 max	ASTM D-5950
Density @ 15.6°C, lbs./gal	8.15 - 8.25	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® 32

PROPERTY	TYPICAL INSPECTIONS	METHOD
Kinematic Viscosity @ 100 °C, cSt	31.6	ASTM D-445
@ 40 °C, cSt	5.6	ASTM D-445
Viscosity Index	115	ASTM D-2270
Total Acid Number, mg KOH/g	0.02	ASTM D-974 mod
Flash Point, °C	250	ASTM D-92
Pour Point, °C	-55	ASTM D-5950
Specific Gravity, 15.6 °C/15.6 °C	0.985	ASTM D-4052
Density @ 15.6 °C, lbs/gal	8.20	ASTM D-4052
Water, ppm	25	ASTM D-1533
Low Temperature Miscibility Limit (10 Vol % lubricant in refrigerant, °C)		Sealed Tube
R-134a	< -50	
R-404A	< -60	
R-407C	< -35	
R-410A	< -45	



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