

# EVEREST® 170

## Synthetic Refrigeration Lubricant

### DESCRIPTION

**EVEREST® 170** is a fully formulated ISO 170 grade synthetic polyol ester refrigeration lubricant that is compatible with HFC refrigerants, including R-134a, R-404A and R-407C.

### APPLICATIONS:

Reciprocating, rotary, scroll and centrifugal/screw refrigeration compressors

### FEATURES & BENEFITS:

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

### SPECIFICATION PROPERTIES OF EVEREST® 170

PROPERTY	SPECIFICATIONS	METHOD
<b>Appearance</b>	Bright and Clear Liquid	Visual
<b>Kinematic Viscosity @ 100 °C, cSt</b>	14.5 - 16.5	ASTM D-445
<b>@ 40 °C, cSt</b>	160 - 180	ASTM D-445
<b>Pour Point, °C</b>	-15 max	ASTM D-5950
<b>Density @ 15.6°C, lbs./gal</b>	8.02 - 8.12	ASTM D-4052
<b>Total Acid Number, mg KOH/g</b>	0.10 max	ASTM D-974 mod
<b>Water, ppm</b>	50 max	ASTM D-1533
<b>ASTM Color</b>	0.5 max	ASTM D-1500



**TYPICAL PROPERTIES OF EVEREST® 170**

PROPERTY	TYPICAL INSPECTIONS	METHOD
<b>Kinematic Viscosity @ 100 °C, cSt</b>	15.3	ASTM D-445
<b>@ 40 °C, cSt</b>	168	ASTM D-445
<b>Viscosity Index</b>	91	ASTM D-2270
<b>Total Acid Number, mg KOH/g</b>	0.05	ASTM D-974 mod
<b>Flash Point, °C</b>	279	ASTM D-92
<b>Pour Point, °C</b>	-24	ASTM D-5950
<b>Specific Gravity, 15.6 °C/15.6 °C</b>	0.969	ASTM D-4052
<b>Density @ 15.6 °C, lbs/gal</b>	8.07	ASTM D-4052
<b>Water, ppm</b>	25	ASTM D-1533
<b>Low Temperature Miscibility Limit (10 Vol % lubricant in refrigerant, °C)</b>		Sealed Tube
<b>R-134a</b>	< -20	
<b>R-404A</b>	< -50	
<b>R-407C</b>	-18	



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