



EVEREST



ANDEROL®
Specialty Lubricants

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PRODUCT DATA SHEET EVEREST® 46 Synthetic Refrigeration Lubricant

PRODUCT DESCRIPTION:

EVEREST 46 is a formulated ISO 46 grade synthetic polyol ester refrigeration lubricant compatible with HFC refrigerants, including R-134a, R-404A, R-407C and R-410A.

APPLICATIONS:

- Reciprocating, rotary, scroll, centrifugal/screw refrigeration compressors

FEATURES & BENEFITS:

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

SPECIFICATION PROPERTIES OF EVEREST 46

PROPERTY	SPECIFICATIONS	METHOD
Appearance	Bright and Clear Liquid	Visual
Kinematic Viscosity @ 100 °C, cSt	6.5 - 7.3	ASTM D-445
@ 40 °C, cSt	42.8 - 49.2	ASTM D-445
Pour Point, °C	-42 max	ASTM D-5950
Density @ 15.6°C, lbs./gal	8.08 - 8.18	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 46

PROPERTY	TYPICAL INSPECTIONS	METHOD
Kinematic Viscosity @ 100 °C, cSt	6.9	ASTM D-445
@ 40 °C, cSt	46.2	ASTM D-445
Viscosity Index	105	ASTM D-2270
Total Acid Number, mg KOH/g	0.01	ASTM D-974 mod
Flash Point, °C	258	ASTM D-92
Pour Point, °C	-46	ASTM D-5950
Specific Gravity, 15.6 °C/15.6 °C	0.976	ASTM D-4052
Density @ 15.6 °C, lbs/gal	8.13	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	< -40	



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HATCO CERTIFICATIONS
ISO 9001 & RC 14001



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