

EVEREST® PM 320

Synthetic Refrigeration Lubricant

DESCRIPTION

EVEREST® PM 320 is a formulated high viscosity index ISO 320 grade synthetic polyol ester refrigeration lubricant specifically designed for equipment that requires a partially miscible lubricant to minimize viscosity reduction in the compressor. It is particularly suited for applications using R-22 refrigerant.

APPLICATIONS:

Centrifugal and screw refrigeration compressors

FEATURES & BENEFITS:

- Compatible with HCFC refrigerants.
- Suitable for use with R-22.

SPECIFICATION PROPERTIES OF EVEREST® PM 320

PROPERTY	SPECIFICATIONS	METHOD
Appearance	Bright and Clear Liquid	Visual
Kinematic Viscosity @ 100 °C, cSt	32.0 - 38.0	ASTM D-445
@ 40 °C, cSt	290 - 350	ASTM D-445
Pour Point, °C	-29 max	ASTM D-5950
Density @ 15.6°C, lbs./gal	8.44 - 8.54	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® PM 320

PROPERTY	TYPICAL INSPECTIONS	METHOD
Kinematic Viscosity @ 100 °C, cSt	35.6	ASTM D-445
@ 40 °C, cSt	340	ASTM D-445
Viscosity Index	150	ASTM D-2270
Total Acid Number, mg KOH/g	0.02	ASTM D-974 mod
Flash Point, °C	288	ASTM D-92
Pour Point, °C	-36	ASTM D-5950
Specific Gravity, 15.6 °C/15.6 °C	1.018	ASTM D-4052
Density @ 15.6 °C, lbs/gal	8.48	ASTM D-4052
Water, ppm	35	ASTM D-1533



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