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Klüber Lubrication NA LP • P.O. Box 131359 • Tyler, CR 2120, Texas 75713, Phone 903.534.8021 • Fax 903.581.4376

Product Data Sheet

NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

SYNTHETIC REFRIGERATION COMPRESSOR OIL

RPE-744 Series

Summit RPE-744 Series is a fully synthetic polyolester lubricant specifically designed for use in refrigeration compressors using carbon dioxide (R744) as the refrigerant. Advantages of this product include excellent chemical and thermal stability for long life operation and excellent wear protection, even under extreme operating conditions.

RPE-744-Series is miscible with carbon dioxide and offers superior hydrolytic stability and corrosion resistance.

Physical Properties

Product	RPE-744-85	RPE-744-110
Viscosity @ 40°C, cSt	82.4	109.4
@ 100°C, cSt	11	12.2
Viscosity Index	121	102
Specific Gravity	0.9748	0.9732
Flash Point, °F (°C)	530 (277)	540 (282)
Pour Point, °F (°C)	-45 (-43)	-40 (-40)
Copper Corrosion	1A	1A

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.

