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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 as of May 13, 2002.

SYNTHETIC REFRIGERATION COMPRESSOR

RPS-100

Summit RPS-100 is a specially formulated polyalkylene glycol (PAG) synthetic ammonia compressor lubricant designed to function in ammonia refrigeration systems utilizing direct expansion (DX) evaporators and rotary screw compressors. Summit RPS-100 is unique in its optimum miscibility with ammonia allowing easier oil return to the compressor with no oil accumulation inside the system. Minimal oil carryover guarantees improved thermal efficiency and productivity gains with reduced maintenance downtime.

In addition, Summit RPS-100 offers superior lubricity and wear protection due to a high viscosity index, non-foaming characteristics and high chemical stability in the presence of ammonia.

Physical Properties

PRODUCTS	RPS-100
Specific Gravity @ 20°C	1.0450
Viscosity @ 40°C, cSt	96.35
@ 100°C, cSt	19.23
Viscosity Index	223
Pour Point, °F (°C)	-55(-48)
Flash Point, °F (°C)	500(260)

Summit RPS-100 is not compatible with petroleum-based lubricants