



SUMMIT INDUSTRIAL PRODUCTS REFRIGERATION COMPRESSORS OILS GENERAL APPLICATION GUIDE

SUMMIT RHT SERIES-For industrial ammonia compressors. Check that system evaporator temperature is not lower than the pour point of Summit RHT. Compatible with naphthenic oils, PAO and AB oils and other hydrocracked oils. Not miscible with ammonia. Low ammonia solubility. Elastomer compatible.

SUMMIT R SERIES-For ammonia and CO₂ compressors requiring an NSF H1 certified PAO. Low pour point. If the compressor ran previously using naphthenic oils, aged or degraded seals may require replacement to avoid oil seal leakage and high oil consumption.

SUMMIT HYSYN FG SERIES- For ammonia and CO₂ compressors requiring an NSF H1 certified PAO. Low pour point. Excellent wear protection for reciprocating compressors.

SUMMIT RPA SERIES-For ammonia compressors requiring a low pour point synthetic PAO without contributing to aged seal shrinkage issues. Can also be used with HCFCs like R22 and R502, for example.

SUMMIT RHB SERIES- For CHFCs like R22 and R502. Can also be used with ammonia for product consolidation benefits. Partially miscible with ammonia.

SUMMIT RPB SERIES- For HFCs like R134a with optimum refrigerant miscibility, low hygroscopicity and excellent wear protection. Can be used with CHFCs like R22 and R502.

SUMMIT RPS SERIES- For ammonia systems that require that the lubricant be 100% miscible with ammonia for excellent oil return to the compressor from low pressure receivers.

Notes:

1. See individual product data sheets for more detail.
2. Contact Summit at 1-800-749-5823 to discuss special needs and ask for Joe Gonzalez at extension 223 or e-mail at joeg@klsummit.com.