



REF-AB NFG-100

PRODUCT DATA SHEET

REF-AB NFG-100 is formulated from an AB-Alkylbenzene synthetic blend and designed to function under the stringent requirements of CFCs-Chlorofluorocarbon, HCFCs- Hydrochlorofluorocarbon refrigerants like R11, R12, R13, R22, R113, R114, R123, R124, R401a, R401b, R402a, R402b, R403b, R406a, R408a, R409a, R500, R502, R503; & R717 (NH₃ aka ammonia) DX and liquid overfeed industrial refrigeration systems. Besides its inherent inertness, improved system efficiency and higher productivity, the performance advantages of the REF-AB NFG-100 versus naphthenic oils include:

- (1) Partial miscibility and solubility with CFCs, HCFCs and ammonia for improved oil return to the compressor;
- (2) Superior system cleanliness and lubricity to reduce component wear and corrosion;
- (3) Superior chemical and thermal stability;
- (4) Lower foaming tendency; and
- (5) Extended oil drain capability.

REF-AB NFG-100 is well-suited for both rotary screw and reciprocating compressors in ammonia service. It is guaranteed to function with evaporators operating down to -40°C. REF-AB NFG-100 is compatible with all types of seals and O-rings used in ammonia compressors including Neoprene (chloroprene), Buna-N and NBR. REF-AB NFG-68 is also 100% compatible with naphthenic and paraffinic mineral oils, as well as PAO and AB synthetic oils, which allows top-off over these other oils and eliminates the need for system flushes and excessive evaporator maintenance. As with all specialty lubricants, indoor storage and immediate closing of original containers after use is strongly recommended to avoid particulate and moisture contamination.

REF-AB NFG	100
ISO Grade	100
Viscosity @40°C, cSt @100°C, cSt	100.0 10.5
Viscosity Index	86
Flash Point, °F (°C)	480 (249)
Pour Point, °F (°C)	-44 -42