



REF-AB NFG-46

PRODUCT DATA SHEET

REF-AB NFG-46 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-46 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-46 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-46 is compatible with all types of seals and O-rings used in ammonia compressors including Neoprene (chloroprene), Buna-N and NBR. REF-AB NFG-46 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	46
ISO Grade	46
Viscosity @40°C, cSt	43.5
@100°C, cSt	6.3
Viscosity Index	88
Flash Point, °F (°C)	465 (240)
Pour Point, °F (°C)	-54 -48