

# PRODUCT DATA SHEET



**NFG**  
**NON-FOOD GRADE**

## REF-AMM NFG Series

### Ammonia Refrigeration Compressor Lubricants

REF-AMM NFG Series are highly refined, hydrotreated ammonia compressor lubricants, specially designed to function under the stringent requirements of closed-loop ammonia refrigeration systems. The performance advantages of REF-AMM NFG Series oil, vs. naphthenic oils include:

- Lower wax content vs the “essentially” or “virtually” wax free oils marketed by others.
- Reduced oil carryover
- Superior cleanliness
- Superior chemical and thermal stability
- Enhanced wear protection
- Lower foaming tendency
- Extended oil drain interval capability
- Less oil make-up

REF-AMM NFG Series are exceptionally well suited for rotary screw and reciprocating compressors in ammonia service. They are compatible with naphthenic and other hydrotreated paraffinic-based compressor oils for ammonia service, as well as PAO and alkylbenzene-based products. They are compatible with all seal elastomers commonly used in these systems, include Buna-N NBR and Neoprene.

Properties / Characteristics	REF-AMM NFG Series			
	32	46	68	100
ISO Grade	32	46	68	100
Viscosity @40°C, cSt	31.2	44.2	67.2	104.6
	@100°C, cSt	5.3	6.6	8.9
Viscosity Index	103	103	106	97
Flash Point, °F	455	480	485	515
	(°C)	229	250	251
Pour Point, °F	-51	-53	-43	-38
	(°C)	-46	-47	-42
Specific Gravity	0.87	0.87	0.87	0.87