



TECHNICAL DATA

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AMMONIA COMPRESSOR FG-68

FOOD GRADE AMMONIA REFRIGERATION COMPRESSOR OIL

AMMONIA COMPRESSOR FG-68 is a highly refined, hydro treated ammonia compressor lubricant, specially designed to function under the stringent requirements of closed-loop ammonia refrigeration systems in the food service industry. Besides providing value added benefits in the areas of improved system efficiency and higher productivity, the performance advantages of Petrochem's **AMMONIA COMPRESSOR FG-68** versus naphthenic oils include:

PRODUCT FEATURES:

- NSF Registered H1 for use in food processing facilities as a lubricant or anti-rust agent on equipment in which there may be incidental contact involving the lubricated part and the edible product.
- Lower wax content versus the “essentially” or “virtually” wax free oils marketed by competitors
- 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
- Available in 1 gallon containers, 5 gallon pail or 55 gallon drum

AMMONIA COMPRESSOR FG-68 is exceptionally well suited for rotary screw and reciprocating compressors in ammonia service. It is compatible with naphthenic and other hydro treated paraffinic-based compressor oils for ammonia service, as well as PAO and alkyl benzene-based products. It is compatible with all seal elastomers commonly used in these systems including Buna-N, NBR and Neoprene.

PHYSICAL PROPERTIES

| Property | Test Method | AMMONIA COMPRESSOR FG-68 |
|-------------------------|-------------|--------------------------|
| ISO Grade | ASTM D2422 | 68 |
| Viscosity @ 40° C, cSt | ASTM D445 | 67.9 |
| Viscosity @ 100° C, cSt | ASTM D445 | 8.66 |
| Viscosity Index | ASTM D2270 | 198 |
| Flash Point, ° C / ° F | ASTM D92 | 243 / 470 |
| Pour Point, ° C / ° F | ASTM D97 | -33 / -36 |
| Specific Gravity | ASTM D1298 | 0.87 |

HANDLING PRACTICES:

For information on the safe handling and use of this product, refer to the Safety Data Sheet. For more information and availability, call (630) 513-6350.

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