

Product Data Sheet

Manufactured by Klüber Lubrication NA LP • P.O. Box 131359 • Tyler, CR 2120, Texas 75713, under license from Brautek LLC

NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current.

FRIEREN FG 68

Frieren FG 68 is a highly refined, hydrotreated 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 Frieren FG 68 versus naphthenic oils include:

- NSF Registered H1 and meets USDA 1998 (H1) guidelines (lubricants with incidental food contact)
- 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

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

Physical Properties

PRODUCTS	FG-68
ISO Grade	68
Viscosity @ 40°C, cSt	67.97
@ 100°C, cSt	8.66
Viscosity Index	98
Specific Gravity, 60°F	0.8760
Density, lb/gal @ 60°F	7.2953
Pour Point, °F (°C)	-33 (-36)
Flash Point, °F (°C)	470 (243)
Fire Point, °F (°C)	505 (263)
NSF Registered	H1

Shelf Life: Product shelf life is 5 years from the date of manufacture, after which the product should be recertified prior to use.