

M Y S T I K[®] L U B R I C A N T S
A M M O N I A C O M P R E S S O R O I L 6 8



Date 01/10

DESCRIPTION:

Mystik Lubricants Ammonia Compressor Oil 68 is blended from high quality naphthenic base oils to meet the performance requirements of ammonia refrigeration compressors. This oil offers the stability and low temperature characteristics necessary for the proper lubrication of this type equipment. It will not “wax out” under the low temperature conditions typically encountered in these systems. Equipment lines and refrigerant control devices stay clear and system efficiency is not impaired. This oil is chemically and thermally stable under the conditions normally encountered in ammonia refrigeration systems. It satisfies the low temperature requirements of all but the most extreme low temperature applications.

FEATURES:

- Blended with high-quality naphthenic base oils
- Low pour point to meet the low temperature conditions of ammonia compressors
- High flash point from low volatility base stocks to reduce vaporization at discharge temperatures and pressures
- Available in ISO Viscosity Grade 68 which is required by most ammonia compressor manufacturers

CLASSIFICATION:

USDA H-2

Listed in the former USDA now NSF H-2 “List of Proprietary Substances and Nonfood Compounds for use under USDA Inspection and Grading Programs.”

USDA H-2 - Lubricants with no contact (Definition)

“These compounds may be used as a lubricant, release agent, or antirust film on equipment and machine parts or in closed systems (e.g., hydraulic systems) in locations in which there is no possibility of the lubricant or lubricated part contacting edible products.”

TYPICAL PROPERTIES:

MYSTIK[®] LUBRICANTS AMMONIA COMPRESSOR OIL 68

Material Code	663346002
ISO Viscosity Grade	68
Gravity, ASTM D 4052 at 60°F, °API	23.5
Density, at 60°F, lb/gal	7.61
Specific Gravity at 60°F	0.913
Flash Point, COC, ASTM D 92, °F (°C)	380 (193)
Viscosities:	
cSt at 40°C	64.1
cSt at 100°C	7.3
cSt (SUS) at 100°F	72.3 (335.5)
cSt (SUS) at 210°F	7.6 (51.0)
Viscosity Index	63
Pour Point, ASTM D 97, °F (°C)	-40 (-40)
Color, ASTM D 1500	2.0