

# MOL-FREEZ ULTRA 68

## Product Description:

**MOL FREEZ ULTRA 68** is a superior performance, chemically inert, semi-synthetic type of refrigeration lubricant intended for use in ammonia refrigeration compressors with R-717 gas. It contains special additives for oxidation inhibition, corrosion protection and well as pour point depression and defoaming. Thanks to its state-of-the-art formulation, it shows exceptional low temperature performance and outstanding oxidation stability.

## Features and Applications:

- Exceptionally low carry-over improves evaporator efficiency.
- High efficiency of the plant due to reduced oil deposits and long service life of filters.
- Low evaporation loss contributes to less consumption compared to mineral oils.
- Very good compatibility with seals.
- Especially designed for use in ammonia refrigerating plants.
- Can be used as coolant for process gas rotary screw and reciprocating compressors.
- Low maintenance costs due to extended oil change intervals

## Physical and Chemical Conditions:

MOL-FREEZ ULTRA 68	Method	Value
Appearance	Visual	Clear & Bright
Colour	ASTM D 1500	L0.5
Density @ 15° C g/cm <sup>3</sup>	ASTM D 1298	0.830
Kinematic Viscosity @ 40° C cSt	ASTM D 445	68
Kinematic Viscosity @ 100° C cSt	ASTM D 445	10.85
Viscosity Index	ASTM D 2270	150
Flash Point, (COC) °C	ASTM D 92	250
Pour Point °C	ASTM D 97	-42
Aniline Point °C	ASTM D 611	135
Neutralization Value MgKOH/g	ASTM D 974	<0.05

## Storage and Packing Conditions:

- Should be stored sealed under normal storage conditions. Shelf life in original package and at room temperature is 5 years.
- Available in 16 KG Pails, 175 KG Drums.

## Human Health and Work Safety:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact and wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point
- For more information, please see the Material Safety Data Sheet (MSDS).