

# XR 208-68

## Ammonia Compressor Lubricant

### Product Descriptions

XR 208-68 is a high performance ammonia compressor lubricant based on severely hydrocracked, iso-dewaxed paraffinic base oil. XR 208-68 is formulated with an advanced additive system developed for effectiveness in an aggressive ammonia environment and includes a seal conditioning additive to prevent seal leakage in older systems being converted to this lubricant. This product displays excellent thermal, oxidative, and hydrolytic stability allowing for extended drain intervals. The stable viscosity and low pour point make the product very effective in applications where temperature extremes are required. XR 208-68 provides very low foaming performance in ammonia systems.

### Applications\*

- Reciprocating and rotary screw compressors
- Ammonia refrigeration applications
- Ammonia process gas applications

*\*To assure proper lubricant selection, please consult your Xaerus Performance Fluids representative.*

### Packaging

- 1 US Quarts
- 5 US Gallon
- 55 US Gallon
- Totes

### Product Features

- Chemical stability in the presence of ammonia
- High viscosity index and low pour point
- Seal conditioning formulation
- Rust and corrosion protection
- Excellent thermal stability
- Low water content

### Potential Benefits

- Prevents sludge formation
- Increased evaporator efficiency
- Extended drain intervals
- Minimize oil leaks in older systems
- Maximum bearing, cooler and equipment life
- Minimize oil leaks in older systems converted to this product
- Minimal vapor phase oil carryover to downstream equipment
- Longer oil life
- Longer filter life
- Minimize maintenance costs

## Physical Properties

Criteria	Value	Method
Viscosity cSt @ 40° C	67.2	ASTM D-445
Viscosity cSt @ 100° C	8.7	ASTM D-445
Viscosity Index	100	ASTM D2270
Moisture, ppm	<100	ASTM D-1744
Specific Gravity @ 60°F/15.6° C	0.873	ASTM D-4052
Density, lb/gal	7.28	ASTM D-4052
Flash Point, °F/°C	475/246	ASTM D-92
Pour Point, °F/°C	-43/-42	ASTM D-97
Foam Tendency (Sequence I)	0 mL	ASTM D-892
Foam Tendency (Sequence II)	0 mL	ASTM D-892
Foam Tendency (Sequence III)	0 mL	ASTM D-892
ASTM Color	<0.5	ASTM D1500
TAN mgKOH/g	0.01	ASTM D974

*Notice: Physical Properties are typical of those obtained with normal production tolerances and do not constitute specifications.*

## Health and Safety

Based on available information, XR208-68 is a non-toxic, non-hazardous product that is not expected to cause any adverse health effects when used as designed. Users are advised to follow the recommendations provided in the MSDS.

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