

High Quality Refrigeration Oil For Ammonia System

# MYCOM A2



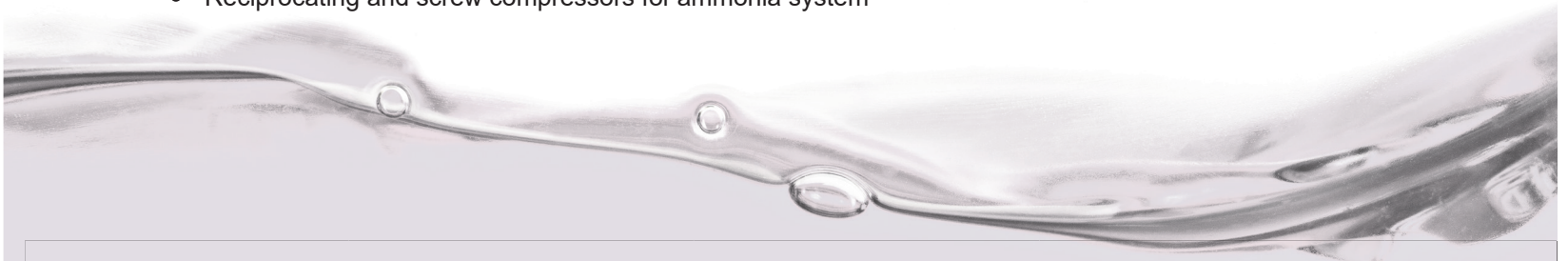
## FEATURES

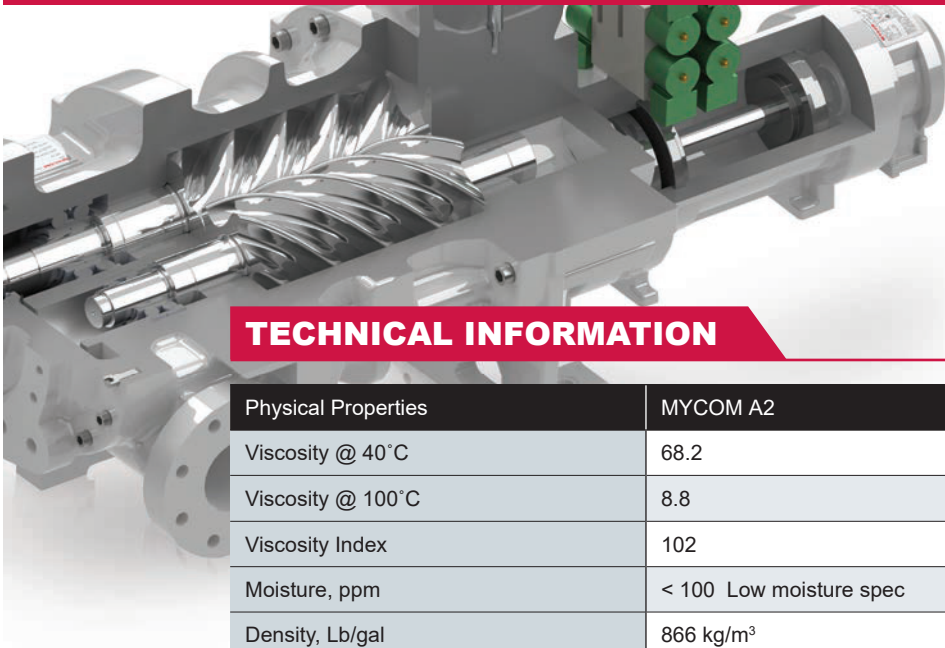
- MYCOM A2 is a high performance ammonia compressor lubricant made with ammonia compatible high purity hydrocracked, iso-dewaxed paraffinic base oil.
- MYCOM A2 has optimum viscosity providing best compressor protection and minimizes oil loss with very low foaming tendency.
- MYCOM A2 has properties of excellent thermal and oxidation resistance, as well as hydrolytic stability to support long extended service drain interval. Its low pour point character supports good oil flow at extreme condition.

## APPLICATIONS

To assure proper lubricant selection, please consult the nearest Mayekawa office.

- Reciprocating and screw compressors for ammonia system





## TECHNICAL INFORMATION

Physical Properties	MYCOM A2
Viscosity @ 40°C	68.2
Viscosity @ 100°C	8.8
Viscosity Index	102
Moisture, ppm	< 100 Low moisture spec
Density, Lb/gal	866 kg/m <sup>3</sup>
Pour Point, °F / °C	-43 / -42 - Lower pour point, better oil return from evaporator
Flash Point, COC, °F / °C	475 / 246 - Better Thermal stability, lower oil loss
Specific Gravity	0.867
Base Oil Type	Ammonia Compatible Hydrotreated Group II (Paraffinic) Oil

## PROPERTIES and BENEFITS

Physical Properties	Benefit
ISO VG 46/55/58 vs ISO VG 68	ISO VG 68-> <ul style="list-style-type: none"> <li>· Better Bearing lubrication, lower wear and tear</li> <li>· Larger oil droplet at separator for better ammonia / oil separation, lower oil loss</li> </ul>
Viscosity Index	Higher VI -> <ul style="list-style-type: none"> <li>· Less viscosity changes at high / low temp</li> </ul>
Low purity paraffinic vs High Purity Paraffinic Base oil	Naphthenic oil issues-> <ul style="list-style-type: none"> <li>· Reaction with Ammonia, sludge formation</li> <li>· Reduce oil life</li> <li>· High oil top up</li> <li>· Higher pour point</li> </ul> Paraffinic Oil-> <ul style="list-style-type: none"> <li>· High Purity Paraffinic Base Oil</li> <li>· Longer oil life</li> <li>· Lower oil top up</li> <li>· Lower pour point</li> </ul>
Flash Point	Higher flash point-> <ul style="list-style-type: none"> <li>· Lower evaporation loss</li> <li>· Lower oil top up</li> <li>· Better thermal stability at compressor discharge</li> </ul>



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