

Premium Quality Refrigeration Oil For Ammonia System

MYCOM A-Zero



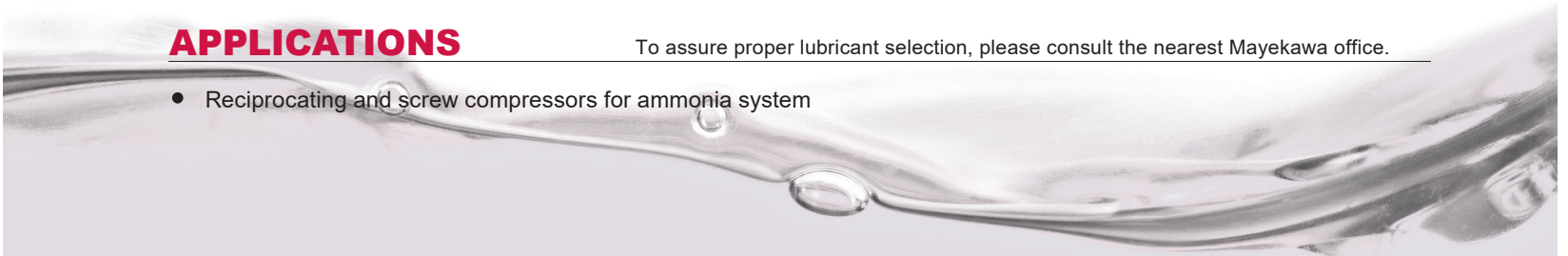
FEATURES

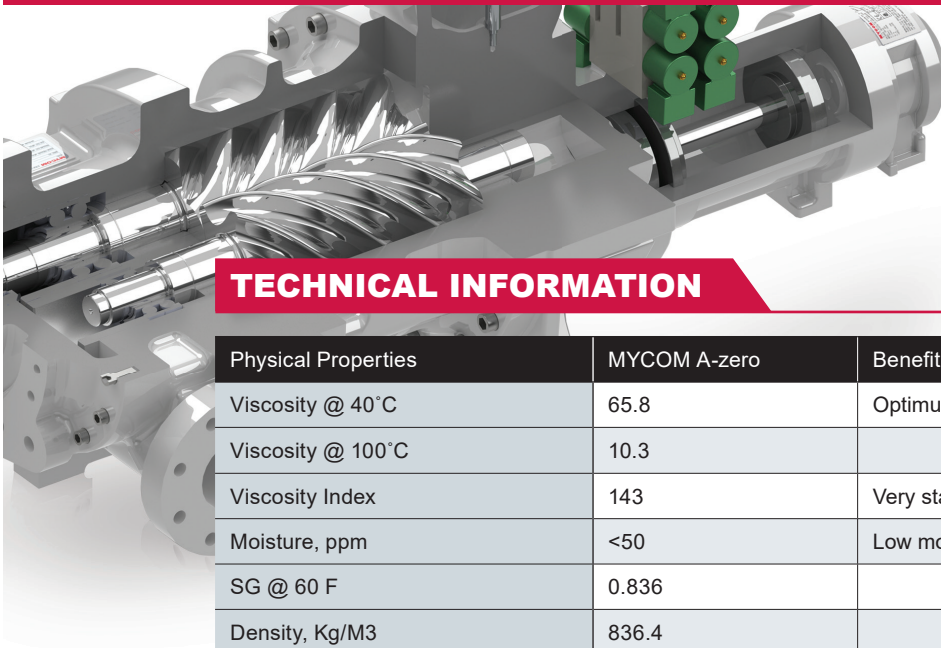
- MYCOM A-zero is an extreme high performance ammonia compressor lubricant made with full synthetic PAO base oil for system demanding the ultimate performance and longevity.
- MYCOM A-zero is designed for ultra long service hours, surpassing all other mineral grade, semi-synthetic and most synthetic lubricants in the industry.
- Due to MYCOM A-zero's purity, coolers and condensers are always kept at top condition throughout its usage time as no sludge is formed between MYCOM A-zero and ammonia.
- MYCOM A-zero has extremely low pour point properties and very high viscosity stability, this supports oil free condition at evaporator even at extreme low operating temperature.
- MYCOM A-zero brings high efficiency to system due to special formulation with advanced seal conditioning and self cleaning additive system, to prevent seal leakages for old system and always maintains system internal condition free of deposits.
- MYCOM A-zero has optimum viscosity providing ultimate compressor protection and minimizes oil loss with very low foaming tendency. It has excellent thermal resistant character for compressor protection and minimizes oil loss.

APPLICATIONS

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

- Reciprocating and screw compressors for ammonia system



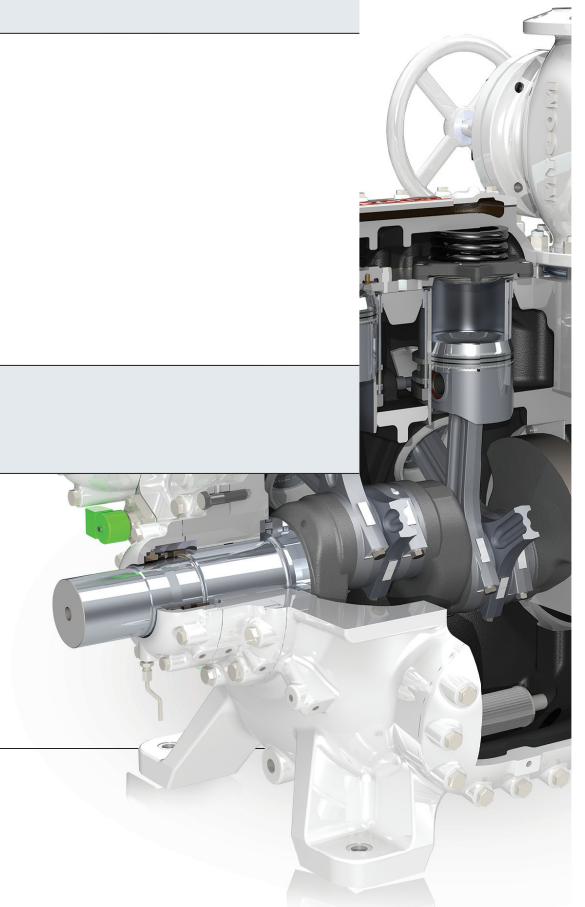


TECHNICAL INFORMATION

Physical Properties	MYCOM A-zero	Benefits
Viscosity @ 40°C	65.8	Optimum oil / ammonia gas separation
Viscosity @ 100°C	10.3	
Viscosity Index	143	Very stable viscosity over wide temperature range
Moisture, ppm	<50	Low moisture spec
SG @ 60 F	0.836	
Density, Kg/M3	836.4	
Flash Point, °F / °C	505/263	High thermal stability, low oil loss
Pour Point, °F / °C	-65/-54	Very good oil return for low temp evaporator
Demulsibility	40/40/0 < 5 min	

PROPERTIES and BENEFITS

Physical Properties	Benefits
ISO VG 46 vs 68	ISO VG 68-> <ul style="list-style-type: none"> · Better Bearing lubrication, lower wear and tear · Larger oil droplet at separator for better ammonia / oil separation, lower oil loss
Viscosity Index	Higher VI -> <ul style="list-style-type: none"> · Less viscosity changes at high / low temp
Naphthenic / Alkyl Benzene/ Low purity Paraffinic vs High Purity Paraffinic / PAO Base oil	Naphthenic oil issues-> <ul style="list-style-type: none"> •Reaction with Ammonia, sludge formation •Reduce oil life •High oil top up •Higher pour point High Purity Paraffenic/PAO oil-> More stable with Ammonia, sludge free <ul style="list-style-type: none"> •Longer oil life •Lower oil top up •Lower pour point
Flash Point	Higher flash point-> <ul style="list-style-type: none"> •Lower evaporation loss •Lower oil top up



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