

PN Freeze BL-MO Refrigeration Oil

Product reference: GYYY-40

Refrigeration compressor lubricant offered in 3GS, 4GS and 5GS grades.

PetroNexus Freeze BL-MO Refrigeration Oil

Product name

PetroNexus Freeze BL-MO Refrigeration Oil

Viscosity / grade

3GS, 4GS, 5GS

Standard reference

GB 16630-2012

Product overview

PetroNexus Freeze BL-MO Refrigeration Oil is a refrigeration compressor lubricant formulated from highly refined naphthenic mineral oils and a range of additives.

Performance features

1. Excellent stability: Resists degradation during prolonged direct contact with refrigerants at high and low temperatures, reducing harmful varnish and oily deposits and providing long oil service life.
2. Excellent rust and corrosion protection: Forms a highly effective protective film on metal surfaces to provide comprehensive protection against system corrosion.
3. Low pour point: Helps prevent ice plugging even at low temperatures.
4. Excellent lubrication performance effectively extends refrigeration equipment life.

Applications

Freeze BL-MO Series Refrigeration Oil is suitable for a range of refrigeration equipment using R22 refrigerant, including refrigeration systems, air conditioners, refrigerators and refrigerated cabinets.

Packaging

170 kg drums; IBC containers

Application limitations

- Do not use with newer HFC refrigerants such as R134a, R410A or R32. These refrigerants require POE/PVE synthetic refrigeration oils; mineral oils are not miscible with them.
- Not suitable for direct food contact applications; this product has no food-grade certification. Do not use as hydraulic oil or gear oil.

For grade selection, technical requirements, packaging and commercial terms, contact sales@petronexusgroup.com.

Product visual and technical data



PETRONEXUS

Bingling BL-MO Series Mineral Refrigeration Compressor Oil

High-Quality Lubrication for Reliable Refrigeration Systems

Product Grades: 3GS / 4GS / 5GS



Excellent Stability



Rust & Corrosion Protection



Low Pour Point



Excellent Lubrication

PRODUCT PERFORMANCE

-  Excellent stability
-  Reliable rust and corrosion protection
-  Low pour point for good low-temperature performance
-  Excellent lubrication performance

SUPERIOR LUBRICATION FOR REFRIGERATION COMPRESSORS

Stable performance.
Reduced friction and wear.
Longer equipment life.



PRODUCT DESCRIPTION

Bingling BL-MO Series is a range of high-quality mineral refrigeration compressor oils formulated with highly refined naphthenic mineral base oils and carefully selected performance additives.

Specifically developed for refrigeration compressor lubrication, the series provides excellent stability, reliable rust and corrosion protection, and effective lubrication for critical compressor components.

Featuring a low pour point, Bingling BL-MO Series offers good low-temperature performance to support dependable operation in compatible refrigeration systems.

Its excellent lubricating properties help reduce friction and wear, providing reliable protection for refrigeration compressors operating under various service conditions.

PREMIUM LUBRICANT
FOR REFRIGERATION COMPRESSORS

RELIABLE PROTECTION FOR REFRIGERATION COMPRESSORS

-  Stable Operation
-  Wear Reduction
-  Low-Temp Performance
-  Long Service Life

APPLICATIONS

-  **R22 Refrigeration Systems**
Suitable for compatible refrigeration equipment and compressors operating with R22 (HCFC-22) refrigerant.
-  **Air Conditioning Systems**
Suitable for air conditioning equipment using R22 refrigerant, where mineral oil is recommended.
-  **Refrigerators and Freezers**
Suitable for compatible refrigerators, freezers, and refrigeration cabinets requiring mineral-based oil.
-  **Commercial & Industrial Systems**
Suitable for compatible commercial and industrial refrigeration systems requiring naphthenic mineral oils.

PRODUCT OVERVIEW

	Product Type	Naphthenic Mineral-Based Refrigeration Compressor Oil
	Product Grades	3GS / 4GS / 5GS
	Application	Refrigeration Compressor Lubrication
	MOQ	3 – 10 Metric Tons
	Order Requirements	Mixed Loading Not Accepted
	Packaging	170 kg Drums / IBC Containers

TRUSTED LUBRICANT PARTNER
FOR REFRIGERATION INDUSTRY

AVAILABLE PACKAGING



170 kg Drums



IBC Containers

RELIABLE SUPPLY FOR GLOBAL MARKETS



PETRONEXUS

KEEP YOUR SYSTEM RUNNING IN COLD CONDITIONS



Low Temperature



Reliability



High Performance



Global Support

YOUR PARTNER IN REFRIGERATION LUBRICANTS