

PN Freeze BL-MO Marine Refrigeration Oil

Product reference: CBY-11

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

PN Freeze BL-MO Marine Refrigeration Oil

Product name

PN Freeze BL-MO Marine 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

1. Excellent stability: resists deterioration during prolonged direct contact with refrigerants at high and low temperatures, reducing harmful varnish and deposits and providing long lubricant 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: prevents ice-blockage problems even at low temperatures.
4. Excellent lubricating properties help extend refrigeration-compressor service life.

Applications

The Freeze BL-MO refrigeration-oil series is suitable for refrigeration equipment using R22 refrigerant, including air conditioners, refrigerators, refrigerated cabinets and other refrigeration systems.

Packaging

170 kg drums; 1-tonne IBC containers.

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

Product visual and technical data



PETRONEXUS

Bingling BL-MO Series

Marine Refrigeration Compressor Oil

Reliable Lubrication for a Cooler Tomorrow

- Stable Performance
- Equipment Protection
- Reliable Operation



PETRONEXUS

Bingling BL-MO Series

Marine Refrigeration Compressor Oil

Trusted Lubrication for Marine and Industrial Refrigeration Systems

KEY PERFORMANCE BENEFITS

- Excellent Lubricant Stability
- Superior Rust and Corrosion Protection
- Low Pour Point for Reliable Low-Temperature Performance
- Excellent Lubrication Performance

TYPICAL APPLICATIONS

- R22 Marine Refrigeration Systems
- Air Conditioning Systems
- Refrigerators and Freezers
- Commercial and Industrial Refrigeration Equipment

STABLE LUBRICATION IN LOW-TEMPERATURE ENVIRONMENTS

Reduce Friction
Protect Equipment
Ensure Reliable Operation

TYPICAL DATA

Test Item	Test Method	Typical Data		
		3GS	4GS	5GS
Kinematic Viscosity @ 40°C, cSt	GB/T 265	32	56	100
Flash point (open cup), °C	GB/T 3536	160	170	180
Pour Point, °C	GB/T 3535	-35	-30	-25
Floc point, °C	GB/T 12577	-42	-35	-30
Acid value, mg/g	GB/T 4945	0.03	0.03	0.03
Moisture, ppm	SH/T0207	30	30	30

The above data are typical values for the current products. Data for each batch may vary within the allowable range of Speed Quality Standards. For further data, please contact your sales representative.

PRODUCT DESCRIPTION

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

Designed for refrigeration systems using R22 (HCFC-22) refrigerant, it delivers excellent stability, superior rust and corrosion protection, low temperature fluidity, and reliable lubrication performance, helping to protect compressor components and ensure dependable operation in marine and industrial refrigeration applications.

AVAILABLE PACKAGING

170 kg Drums / IBC Containers

KEEP YOUR OPERATIONS COOL AND EFFICIENT

COLD SUPPLY
BRIGHTER
TOMORROW