

ML333 REFRIGERATION COMPRESSOR OIL

PRODUCT INFORMATION

Heavy duty oil for refrigeration compressors, manufactured from selected naphthenic base oils to achieve minimum carbon deposits.

Contains special additives for ammonia (R717) resistance and other refrigerants e.g., R152, in addition to reducing wear.

Due to its naphthenic base oils, will last 4 to 5 times longer than conventional refrigeration compressor oils. Achieves energy savings of between 5% to 8%, due to its conductive capacity of ammonia.



Typical Applications

- Refrigeration compressors using Ammonia (R717) Refrigerant.

Beneficial Qualities

- Base oils specially selected without carbon content.
- Oxidation inhibitors that ensure longer oil life even under severe conditions. Acid and insoluble products of oil oxidation are reduced.
- Mono-molecular additive that reduces wear. Guarantees a longer service life for bearings and rubbing surfaces.
- In particular, good service in ammonia compressors. Prevents the formation of deposits and oil failures.
- Effective protection against rust. The rust inhibitors adhere to the metal surface, sealing it from moisture. Especially effective during shutdown periods when condensation can occur.
- Prevents corrosive wear. Specially designed to protect against copper deposits on steel. This is particularly serious in systems with ammonia.
- Reduces bearing wear. Oil oxidation test at high temperatures showed that the bearings lose less than 10% of their weight compared to competitor products.
- Protects delicate materials in bearings; no corrosion in silver, copper or copper steering bearings.
- Does not foam in service.



Technical Details

	ASTM Test	Unit	Result
Density @ 15°C	D-1298	kg/L	0.905
ISO Grade			68
Kinematic Viscosity @ 40°C	D-445	cSt	64
Kinematic Viscosity @ 100°C	D-445	cSt	6.5
Flash Point	D-92	°C	190
Pour Point	D-97	°C	- 36
TAN	D-974	mgKOH/g	0.01
Copper Corrosion, 3 hours @ 100 °C	D-130		1b
Floc Point		°C	- 29
Aniline Point		°C	90

Specifications

- DIN 51506 VCL

IMPORTANT:

THIS PRODUCT IS NOT COMPATIBLE WITH PRODUCTS FORMULATED WITH PARAFFINIC MINERAL BASE, PAG OR POE BASE LUBRICANTS.

MAK LUBES = QUALITY MAINTENANCE LUBRICANTS

Product Manufactured in Argentina under an ISO 9001 and ISO 14001 Certified Quality & Environmental Management System

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