

Product Data Sheet

Servofriz NH 68

Refrigeration Compressor Oils for Ammonia Compressors



Description

Servofriz NH 68 is a high quality mineral based lubricant formulated for the lubrication of reciprocating and rotary refrigeration compressors. It is specially made for Ice Plants and the Cold Storage Refrigeration Compressor using Ammonia as Refrigerant. This oil is compatible with ammonia and has low temperature fluidity as well as inherent resistance to oxidation & deposit formation.

Performance, Features and Benefits

- Compatible with ammonia refrigerant
- Possess high fluidity at very low temperatures
- Resist deposit formation thereby keeping compressor parts clean
- Reduce compressor valve maintenance due to less deposits
- Ensure high condenser efficiency
- Have long service life due to high oxidation and thermal stability
- Have reduced tendency to foam
- Provides good metal compatibility

Application

Servofriz NH 68 is recommended for the lubrication of refrigeration compressors where the ammonia is being used as refrigerants. It is also suitable for use in properly designed and well-maintained refrigeration systems, where evaporator temperatures achieved through ammonia, are lower than the pour point of the oil.

Approvals / Performance Standards / Recommendations

Servofriz NH 68 meets the requirement of Ammonia refrigeration compressor being used in Ice Plants & Cold Storage refrigeration systems.

Typical Physical Characteristics

Servofriz NH 68	Method	Value
Density @ 15°C , gm/ml	D:1298	0.860
Flash Point (COC), °C	D: 92	170
Kinematic Viscosity @ 40°C,cSt	D:445	68
Pour Point,°C	D: 97	(-) 24
TAN, mg KOH/gm	D: 974	0.05
Copper strip Corrsion @ 100°C, 3 hrs	D 130	1

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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