

MOTOROL REFRIN 3GS/4GS/5GS REFRIGERATION OIL

Introduction:

The Refrigeration Compressor Oils which lubricates the compressor should also have properties to deal with extreme low temperature and to withstand exposure to active refrigerants. MOTOROL Refrin oils are formulated from highly refined lube base stocks. These oils possess high fluidity at very low temperature, resist deposit formation and reduces tendency to foam.

Applications:

MOTOROL Refrin grade oils are recommended for use in evaporation and compressor of refrigeration system using CFC, H-CFC and NH₃ refrigerants like R 12, R 22, R 22 mixtures like (R 401, R 402),R 502, Ammonia.

Advantages:

- ◆ Low pour point to prevent congealing.
- ◆ Low cloud point to withstand extreme low temperature without flocculating wax.
- ◆ Good oxidation, thermal and chemical stability.
- ◆ Ready solubility to dissolve liquefied refrigerant to prevent deposition

Performance Standard: Meets ISO 6743/3 DRC, DIN 51503 KAA KC, IS 4578-1989

Typical Specifications:

Characteristics	3GS	4GS	5GS
Color, Max	0.5	0.5	0.5
Viscosity at 40°C (cSt)	28-35	45-65	90-110
Copper Corrosion, Max	1A	1A	1A
Flash Point (°C), Min	190	200	205
Pour Point (°C), Max	(-)37	(-)30	(-)30

Environment, Health & Safety:

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request. MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not spill oils on the shop floor, discharge into drains, ground or water sources.