



**REFRIGERATION
COMPRESSOR OIL**

High Performance Lubricant
Designed for Refrigeration Compressors, Non-Waxing



REV: 07.17.2024



DESCRIPTION

Gard™ Refrigeration Compressor Oils are highly refined naphthenic oils formulated for use in refrigeration compressors. It is essentially wax-free as shown by its low pour point and flow temperature. Compressor lines, evaporators, valves and refrigerant control devices stay clean allowing for maximum system efficiency.

Gard Refrigeration Compressor Oils is not recommended for use with (HFC) (hydrofluorocarbon) refrigerants such as HFC-134a (R-134a).

BENEFITS

- ❑ Chemically and thermally stable
- ❑ Clean fluid in operation – suitable for recirculation
- ❑ Compatible with all common refrigerants including ammonia
- ❑ Low carry over into refrigerant

APPLICATION

- Refrigeration compressors utilizing ammonia, CFC (chlorofluorocarbon), and HCFC (hydrochlorofluorocarbon) refrigerants

PERFORMANCE

UT Carrier Corporation
Trane Corporation - No. ES2123003 Rev. D

| TYPICAL PROPERTIES | METHOD | ISO 32 | ISO 46 | ISO 68 |
|--------------------------|--------|-----------|-----------|-----------|
| Specific Gravity @15.6°F | D-1298 | 23.6 | 22.9 | 22.0 |
| Viscosity, cSt at 40°C | D-445 | 33.9 | 46.8 | 67.4 |
| Viscosity, cSt at 100°C | D-445 | 5.5 | 6.7 | 8.4 |
| Viscosity Index | D-2270 | 100 | 94 | 92 |
| Dielectric Strength (KV) | D-877 | 42 | 41 | 41 |
| Aniline Point, °C | D-611 | 81 | 80 | 80 |
| Flash Point, COC °C (°F) | D-92 | 170 (338) | 178 (352) | 188 (370) |
| Pour Point, °C (°F) | D-97 | -47 (-53) | -41 (-42) | -38 (-36) |
| ML Reference No. | | 593985 | 593993 | 594005 |



NOTE:

The information on this Product Data Sheet is believed to be accurate and is typical of current production.

Specifications are subject to change without notice.

Health And Safety Information See separate Safety Data Sheets available on request.

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