



COMPRESSOR OILS

Refrigeration Oil Low Temp

**Description**

Refrigeration Oil Low Temp 68 is a premium-grade, fully synthetic oil for lubricating compressors used in R22 and R502 refrigeration systems, operating at low evaporator temperatures. Refrigeration Oil Low Temp 68 is formulated with carefully selected alkylbenzene components of the branched type and does not contain additives.

Typical Characteristics

ISO Viscosity Grade	68
Code	040218
Density at 15°C, kg/l	0.87
Flash point, COC, °C	190
Pour point, °C	-42
Viscosity, kinematic, mm ² /s (cSt)	
at 40°C	68.0
at 100°C	6.5
Viscosity index	0
Freon (R22) Floc point, °C	-60
Freon (R502) Floc point, °C	-58

Recommended Uses

Refrigeration Oil Low Temp 68 has been developed exclusively for the lubrication of R22 and R502 compressors in refrigerating systems operating at evaporator temperatures below -35°C (R22) and -25°C (R502). This oil may only be used in adherence to manufacturer requirements. Refrigeration Oil Low Temp 68 is NOT suitable for use in ammonia refrigerating installations. Refrigeration Oil Low Temp 68 has been approved by major compressor builders such as Sabroe, Bock, Bitzer, Carrier, Dorin, Danfoss and Howden.

Performance Benefits**1. Low Floc Point**

Has a very low floc point and does not foam excessively in use.

2. Chemical Stability

Stable towards chlorofluoromethane (HCFC) refrigerant gases and iron casting.

3. Miscibility

Excellent miscibility with chlorofluoromethane compounds (R22 and R502).

4. Lubricity

Provides excellent lubricity, even in the presence of refrigerants.