



Product Information:
ARCATO AR46
Refrigeration Lubricant

Description:

Arcato AR46 refrigeration oil is designed exclusively for the lubrication systems of ammonia compressors used in refrigeration compressors. The product is specially manufactured from a purpose refined naphthenic pale oil, to provide the stability and low temperature characteristics necessary for the correct lubrication and operation for this type of equipment.

Arcato AR46 has zero water content, because when the oil is put to use even the slightest trace of moisture can cause ice formation in the system, corrosion, decomposition of the refrigerant and ruin the dielectric strength of the oil. The highly refined base oil, has good natural resistance to the adverse chemical and thermal conditions that exist in refrigeration systems. This is important in preventing the formation of harmful gums, lacquers and sludge on vital working parts of the system. This formulation also contains a powerful anti-foam additive. Foaming in refrigeration systems can leave the compressor starved of oil and lead to costly failures.

Applications:

This oil is recommended for use in all commonly found domestic, commercial and industrial refrigeration and freezer systems (except in rare cases where a synthetic oil has been specified). It is compatible with commonly used refrigerants such as the fluorinated hydrocarbons in addition to ammonia.

Performance Levels:

Morris refrigeration oils are recognised in this field meeting specifications of the majority of equipment manufacturers and can be used with confidence, for all refrigerant type compressors operating temperatures down to -45°C in the case of Arcato AR46. It also fully meets the British Standard BS 2626/1975.

Physical Characteristics:

ISO VG Grade	46
Appearance	Pale straw liquid
Density @ 15°C	0.895
Kinematic Viscosity @ 40°C (cSt)	48.2
Kinematic Viscosity @ 100°C (cSt)	6.2
Viscosity Index	65
Closed Flash Point (°C)	190
Pour Point (°C)	-42
Freon12 Haze Point (°C)	-53

Figures based on average production values

Part No.s: AAR205

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