

Product information

ARCATO AR 46

Description

Arcato AR46 refrigeration oil is designed exclusively for the lubrication systems of ammonia compressors used in refrigeration and air conditioning systems. 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.

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 compressor designs, refrigerant types and operating temperatures down to -45°C in the case of Arcato AR46. It also fully meets the British Standard BS 2626/1975.

Applications

This oil is recommended for use in all commonly found domestic, commercial and industrial refrigeration and freezer systems and all air conditioning 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.

Special Features

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.

Physical Characteristics

ISO Number	46
Density at 15°C	0.890
Kinematic at 100°C , cSt.	5.60
Kinematic at 40°C , cSt.	42.8
Viscosity Index	51
Flash Point (open) $^{\circ}\text{C}$	199
Pour Point, $^{\circ}\text{C}$	-45
Freon 12 Haze Point, $^{\circ}\text{C}$	-53



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Morris Lubricants, Castle Foregate, Shrewsbury, Shropshire SY1 2EL

Telephone (01743) 232200 Fax (01743) 353584



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BS EN ISO14001 1996