

ArChine Cotoo POE 85**Refrigeration Oil for CO₂ Compressors****PRODUCT DESCRIPTION**

ArChine Cotoo POE 85 is unique custom blend of synthetic Polyolester(POE) with additives for excellent wear protection, oxidation stability and lubricity. ArChine Cotoo POE 85 has an excellent solubility/miscibility with the refrigerant carbon dioxide (R 744).

ADVANTAGES

- High thermal stability
- High chemical stability with CO₂ refrigerant
- Excellent miscibility with CO₂ – also at low temperature
- Outstanding deep-temperature flowability
- Excellent lubrication at high pressure levels under CO₂ atmosphere

APPLICATIONS

ArChine Cotoo POE 85 is developed for use mainly in refrigeration systems which are working with the refrigerant CO₂ (R 744). ArChine Cotoo POE 85 has an excellent solubility/miscibility with CO₂ which guarantees the oil circulation in the refrigeration systems, especially at low evaporation temperatures.

TYPICAL PROPERTIES*

ArChine Cotoo POE 85	Standard Specification
Appearance	Light yellow clear liquid
Density, 20°C, g/cm ³	0.971
Kinematic Viscosity@40°C, mm ² /s	86.9
Kinematic Viscosity@100°C, mm ² /s	11.13
Viscosity Index	115

Distributor Wanted

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ARCHINE

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Flash Point, Open Cup, °C	234
Fire Point, °C	256
Pour Point, °C	-42
Copper Corrosion, 100°C, 3h	1
Foaming 24°C	15/0
Acid Number, mg KOH/g	0.15
Water Content, mg/kg	233

*These values are not intended for use in preparing specifications.

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