



## FRIGOL POE 100

VISCOSITY GRADE: ISO VG 100

### GENERAL FEATURES:

FRIGOL POE oils are fully synthetic, polyester (POE) oils, intended for use in refrigeration compressors and air conditioners with such liquids as HFC, HCFC as refrigerants.

### APPLICATION:

Thanks to their accurately selected synthetic oil basis and an adequate package of additives, Frigol POE oils guarantee:

- high thermal stability,
- high chemical stability,
- high adaptability to all refrigerating systems,
- ideal protection of lubricated elements against wear,
- ideal protection of steel and aluminum elements,
- extended efficiency and durability of refrigerating systems,
- ideal for devices with HFC – R134a, HCFC – R142, R407C and R410 as refrigerants

### Remarks:

Frigol POE is not recommended for ammonia systems.

### PHYSICAL AND CHEMICAL PROPERTIES:

Parameter	Units	Typical values
Density at 15 °C	g/cm <sup>3</sup>	0,960
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	105,7
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	11,19
Viscosity index	-	90
Pour point	°C	-33
Flash point, open cup	°C	260
Acid value	mg KOH/g	0,05

Note: The above values of physical and chemical properties are typical values. Actual values are specified in quality certificates enclosed with each product lot.

### VERSION:

1 / 2023.07.17

