

# SUNISO OIL

## SL-68

### GENERAL SPECIFICATIONS

- ISO VG 68 polyolester-based synthetic ecological lubricant.
- Miscible in alternative refrigerants with extremely low temperatures.
- Studied to work without damaging the different types of joint materials: NBR, EPDM, HNBR, NYLON-6, TEFLON, etc.
- Compatible with HFC (such as R-134a), HFO (such as R-449A), HFC/HFO blends (such as R-513A), HC (such as R-290), HB (such as R-744) and partially fluorinated (pumps) refrigerants. of heat) (as R-245fa).
- Approved by the main compressor manufacturers and used by brands such as: Copeland, Daikin, Danfoss, Maneurop, Bitzer, Bock, Dorin, Panasonic, Sanyo, Carrier, Tecumseh.
- Available containers of 1 L, 4 L, 20 L, 60 L and 210 L.



Code: GF 03 201

### PROPERTIES

- It resists the interaction between refrigerants and metals of the installation.
- Removes excess carbon residue from compressor hot spots (valves and discharge gates).
- Prevents flocculation (wax content) at low temperature points in the installation.
- Prevents separation (by freezing) in cooling lines.
- Ensures perfect insulating properties (dielectric strength).
- Good miscibility with refrigerants, ensuring a good film at high temperatures and good fluidity at low temperatures.
- Avoid scratching surfaces, line blockage, oil leaks and deterioration in general.
- It easily absorbs environmental humidity (good hygroscopicity).

### TECHNICAL INFORMATION

	Method	68
Density to 15 °C:	ASTM D-4052	0.96
Color	-	L0.5
Viscosity at 40 °C, cSt	ASTM D-445	70.1
Viscosity at 100°C, cSt	ASTM D-445	9.1
Viscosity index	ASTM D-2270	109
Ignition point: °C	ASTM D-92	252
Freezing point, °C	ASTM D-97	-48
Freezing point, °C	DIN 51351	It does not have
ppm Water	-	<50
TAN, mg KOH/g	ASTM D-974	0.01
Dielectric strength, kV	-	60
Refractive index	-	1.4541

### USES

Suitable for cooling and air conditioning. In compressors:

	Commercial / Industrial Cooling				Domestic Cooling	
	Centrifugal	Plunger	Screw	Helical	Plunger	Rotating
Suniso® SL 68	X	X	X	X	X	X