

SUNISO⁽¹⁾ SL

FULL SYNTHETIC LUBRICANTS FOR REFRIGERATING COMPRESSORS

APPLICATIONS

The **SUNISO SL** oils are synthetic lubricants that are perfectly compatible with the new refrigerant gases that respect the ozone layer, such as R 134a, R 404a, R 407c, R 410a, R 507 or R509 a/b.

The **SUNISO SL** oils are perfectly adapted to:

- Sealed reciprocating or rotary compressors for domestic refrigerators or freezers
- Reciprocating or centrifugal compressors for air conditioning or industrial refrigeration plants

BENEFITS

The **SUNISO SL** oils are formulated using high performance synthetic esters and additives with:

- Excellent chemical and thermal stability
- Perfect protection against corrosion
- Good miscibility at very low temperatures with new refrigerant gases, such as R 134a, R 404a, R 407c, R 410a, R 507 or R509 a/b.

Comment: The **SUNISO SL** oils have a strong tendency to absorb moisture from the air. Avoid prolonged contact with air.

PERFORMANCES

The **SUNISO SL** oils are approved by the following manufacturers of refrigeration equipment:

SABROE

TECUMSEH

YORK

⁽¹⁾ SUNISO is a trademark of WITCO CHEMICAL CORPORATION USA.

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA				
ISO grade	-	-	22	32	46	68	170
Density at 15°C	kg/m ³	NF T 60-101	990	980	970	960	970
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	22	32	47.2	70.1	170
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	4.6	5.8	7.8	9.1	17.2
Viscosity index	-	NF T 60-136	127	125	120	109	108
Pour point	°C	NF T 60-105	-48	-48	-44	-36	-24
Flash point	°C	NF T 60-118	232	235	235	252	260
Water content	ppm	ASTM D 1533	< 100				
Neutralisation index	mgKOH/g	ASTM D 664	0.01				

The typical data provided are only approximate values

HEALTH, SAFETY AND ENVIRONMENT

Disposal must comply with applicable regulations pertaining to the disposal of used oils.

Store in a sheltered area.

Our technical department is available to provide advice if needed.