



REFRIGERATION OILS

Suniso SL-220S

BRAND
SunisoSKU
RC_PROD_024CATEGORY
Refrigeration Oils

OVERVIEW

Suniso SL-220S is a fully synthetic polyolester (POE) refrigeration oil from the Suniso SL series — formulated with select polyolester base stocks and additives for excellent miscibility with HFC refrigerants in compressors for refrigerators, freezers, air conditioners, chillers, and industrial refrigeration systems. The VG 220 heavy grade serves screw compressors and high-load bearings requiring maximum film strength — with remarkably deep miscibility on R-134a and R-410A. The Suniso name has set the standard in refrigeration lubrication since 1933; the SL series carries that pedigree into the HFC era with the low-temperature miscibility data (published per refrigerant, below) that lets an engineer verify oil return at design conditions rather than hope for it.

KEY FEATURES

Fully synthetic POE base stock
engineered HFC miscibility for reliable oil return

Outstanding lubricity
with chemical and thermal stability for long compressor life

Very low total acid number
0.01 mg KOH/g, with controlled moisture at fill

Published oil-separation temperatures per refrigerant
verifiable low-temp performance

SPECIFICATIONS

PARAMETER	VALUE
BASE STOCK	Polyolester (POE), fully synthetic
ISO VISCOSITY GRADE	VG 220
KINEMATIC VISCOSITY @ 40 °C	211 mm ² /s