

SUNISO® cross reference table

Oil type	Equivalent		Refrigerant
Mineral (MN)	Supplier	Brand name	
Naphthenic (Hydro-Treated)			
Suniso 3 GS	BP	Energol LPT F-32	CFC - HCFC - NH ₃
	Bitzer	B 5.2 (=MN/AB)	
	Bitzer	G68	
	Carrier	Totaline refrigeration oil 150	
	Castrol	Icematic 266	
	Fuchs	Reniso KM 32 or MS 32	
	Maneurop	160P	
	Mobil	Gargoyle Arctic 155	
	Shell	S4 FR V32 replacing Clavus G 32	
	Shell	S4 FR V32 replacing SD 2212	
Suniso 3.5 GS	Shrieve	Zerol 150 (=AB)	CFC - HCFC - NH ₃
	Texaco	Capella WF 32	
	Total	Lunaria FR 32	
	BP	Energol LPT 46	
	Fuchs	Reniso KS 46 or MS 46	
	Mobil	Gargoyle C Heavy	
	Shell	S4 FR V46 replacing Clavus G 46	
Suniso 4 GS	Shrieve	Zerol 200TD (=AB)	CFC - HCFC - NH ₃
	Texaco	Capella WF 46	
	Total	Lunaria FR 46	
	BP	Energol LPT F-46	
	Carrier	Totaline refrigeration oil 300	
	Castrol	Icematic 299	
	Fuchs	Reniso KS 46 or KC 68	
	Mobil	Gargoyle Arctic 300	
	Petro-Canada	Reflo CFC	
	Shell	S4 FR V68 replacing Clavus G 68	
Suniso 4.5 G	Shrieve	Zerol 300 (=AB)	CFC - HCFC - NH ₃
	Texaco	Capella WF 68	
	Total	Lunaria FR 46 or 68	
	BP	Energol LPT 68	
	Fuchs	Reniso MS 68	
	Mobil	Gargoyle Arctic 300	
	Shell	S4 FR V68 replacing Clavus G 68	
Suniso 5 G	Texaco	Capella WF 68	CFC - HCFC - NH ₃
	Total	Lunaria FR 68	
	Bitzer	B100	
	BP	Energol LPT 100	
	Fuchs	Reniso KES 100 or TES 100	
	Shell	S4 FR V100 replacing Clavus G 100	
	Texaco	Capella WF 100	
Sunice A 68 SYN	Total	Lunaria FR 100	NH ₃
	CPI	CP-1009-68	
	CPI	CP-4006-68	
	Fuchs	Reniso KC 68	
	Klüber	Summit RHT 68	
	Mobil	Gargoyle Arctic SHC NH 68	
	Mobil	Gargoyle Arctic SHC 226 E	
	Petro-Canada	REFLO 68A	
	Shell	S2 FR-A 68 replacing Clavus AB 68	
	Texaco	Capella P 68	
Suniso SL 22	Total	Lunaria NH 68	HFC
	Castrol	Icematic SW 22	
	CPI	Solest 22	
	Emkarate	RL 22 H	
	Fuchs	Reniso Triton SEZ 22	
	Mobil	EAL Arctic 22 (CC)	
	Shell	Clavus R 22	
	Texaco	Capella HFC 22	
	Total	Planetelf ACD 22	

Suniso SL 32	Bitzer Castrol CPI Emkarate Fuchs Mobil Shell Texaco Total	BSE 32 Icematic SW 32 Solest LT 32 RL 32 (-3 MAF) Reniso Triton SEZ 32 EAL Arctic 32 Clavus R 32 Capella HFC 32 Planetelf ACD 32	HFC
Suniso SL 46	Bitzer Castrol CPI Emkarate Fuchs Mobil Shell Total	BSE 55 Icematic SW 46 Solest 46 RL 46 H Reniso Triton SE 55 EAL Arctic 46 Clavus R 46 Planetelf ACD 46	HFC
Suniso SL 68	Castrol CPI Emkarate Fuchs Mobil Shell Total	Icematic SW 68 Solest 68 RL 68 H Reniso Triton SEZ 68 EAL Arctic 68 Clavis R 68 Planetelf ACD 68	HFC
Suniso SL 100	Castrol CPI Emkarate Fuchs Mobil Shell Total	Icematic SW 100 Solest 120 RL 100 H Reniso Triton SEZ 100 EAL Arctic 100 Clavus R 100 Planetelf ACD 100 FY	HFC
Suniso SL 170	Bitzer Bitzer Castrol CPI Emkarate Fuchs Mobil Total	BSE 150 BSE 170 Icematic SW 150 Solest 170 RL 170 H Reniso Triton SEZ 170 EAL Arctic 150 Planetelf ACD 150 FY	HFC
Suniso SL 220	Castrol CPI Emkarate Mobil Total	Icematic SW 220 Solest 220 RL 220 H EAL Arctic 220 Planetelf ACD 220 FY	HFC
Sunice EF 68	Bitzer Fuchs Mobil Shell	BSE 60K Reniso C55 Gargoyle SHC 226E (=PAO) S4 FR V68	CO ₂
Alkybenzene (AB)			
Suniso AKB 68	Bitzer Castrol Fuchs Mobile Shell Shrieve	S68 Icematic 2284 Reniso S 68 or SP 68 Zerice S 68 S4 FR V68 replacing Clavus G 68 Zerol 300	CFC - HCFC
Suniso AKB 100	Castrol Fuchs Mobil Shrieve	Icematic 2285 Reniso SP 100 Zerice S 100 Zerol 500	CFC - HCFC

Refrigerant	ASHRAE
CFC (ChloroFluoroCarbon)	R11, R12, R13, R131b1, R113, R114, R500, R502, R503
HCFC (HydroChloroFluoroCarbon)	R22, R123, R124, R401a, R401a, R402a, R402b, R403b, R406a, R408a, R409a
HFC (HydroFluoroCarbon)	R23, R134a, R234fa, R404a, R407a, R407b, R407c, R410a, R507, R508
NH ₃ (Ammonia)	R717
CO ₂ (CarbonDiOxide)	R744
Isobutane	R600a
Propane (C ₃ H ₈)	R290