

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 - NH3
	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	
	Shrieve	Zerol 150 (=AB)	
	Texaco	Capella WF 32	
Total	Lunaria FR 32		
Suniso 3.5 GS	BP	Energol LPT 46	CFC - HCFC - NH3
	Fuchs	Reniso KS 46 or MS 46	
	Mobil	Gargoyle C Heavy	
	Shell	S4 FR V46 replacing Clavus G 46	
	Shrieve	Zerol 200TD (=AB)	
	Texaco	Capella WF 46	
Total	Lunaria FR 46		
Suniso 4 GS	BP	Energol LPT F-46	CFC - HCFC - NH3
	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	
	Shrieve	Zerol 300 (=AB)	
	Texaco	Capella WF 68	
Total	Lunaria FR 46 or 68		
Suniso 4.5 G	BP	Energol LPT 68	CFC - HCFC - NH3
	Fuchs	Reniso MS 68	
	Mobil	Gargoyle Arctic 300	
	Shell	S4 FR V68 replacing Clavus G 68	
	Texaco	Capella WF 68	
	Total	Lunaria FR 68	
Suniso 5 G	Bitzer	B100	CFC - HCFC - NH3
	BP	Energol LPT 100	
	Fuchs	Reniso KES 100 or TES 100	
	Shell	S4 FR V100 replacing Clavus G 100	
	Texaco	Capella WF 100	
	Total	Lunaria FR 100	
Polyalphaolefin (PAO)	CPI	CP-1009-68	
	CPI	CP-4006-68	

## Sunice A 68 SYN

Fuchs  
Klüber  
Mobil  
Mobil  
Petro-Canada  
Shell  
Texaco  
Total

Reniso KC 68  
Summit RHT 68  
Gargoyle Arctic SHC NH 68  
Gargoyle Arctic SHC 226 E  
REFLO 68A  
S2 FR-A 68 replacing Clavus AB 68  
Capella P 68  
Lunaria NH 68

NH3

## Polyolester (POE)

## Suniso SL 22

Castrol  
CPI  
Emkarate  
Fuchs  
Mobil  
Shell  
Texaco  
Total

Icematic SW 22  
Solest 22  
RL 22 H  
Reniso Triton SEZ 22  
EAL Arctic 22 (CC)  
Clavus R 22  
Capella HFC 22  
Planetelf ACD 22

HFC

## 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	CO2
Alkylbenzene (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
NH3 (Ammonia)	R717
CO2 (CarbonDiOxide)	R744
Isobutane	R600a
Propane (C3H8)	R290



