



Synthetic Lubricants & Filters, inc. - 7401 University Dr.- Shreveport, LA 71105
Phone: 800-637-5126 / 866-797-3325 - Fax: 866-305-5126 - www.slfi.net

Refrigeration Cross Reference

Recommended Lubricant per Refrigerant

Refrigerant Name	Refrigerant Type	Recommended Lubricant
R-12	CFC	ABR
R-124	HFC	RB5
R-134a	HFC	RB5
R-22	HCFC	ABR
R-290	Propane	SLPAG
R-600	Butane	SLPAG
R-401a	HCFC	ABR
R-401b	HCFC	ABR
R-402a	HCFC	ABR
R-402b	HCFC	ABR
R-403b	HCFC	ABR
R-404a	HFC	RB5
R-407c	HFC	RB5
R-408a	HCFC	ABR
R-409a	HCFC	ABR
R-410a	HFC	RB5
R-414b	HCFC	ABR
R-416a	HCFC	RB5
R-417a	HFC	RB5
R-422a	HFC	RB5
R-422d	HFC	RB5
R-427a	HFC	RB5
R-507	HFC	RB5
R-508B	HFC	RB5
R-717	Ammonia	SL-R717/SL-II-46-FS
R-744	CO ₂ (M)	SLCO2
R-744	CO ₂ (I)	SLCO2

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Recommended Lubricant per Refrigerant Compressor

Manufacturer	Unit Type	Refrigerant Type	Recommended Lubricant
ASPERA	Hermetic	R-12 / R-22	ABR-46
	Hermetic	R-134a / R-404a	RB5-100
APV Baker	Hall Screw Comp	R-134a / R-404a	RB5-100
Blitzer	Piston (open & hermetic)	R-134a / R-404a	RB5-68
	Piston (open & hermetic)	R-22	ABR-46
	Open Piston	R-717 (Ammonia)	SL-R-717
	Open Screw	R-22	ABR-100
	Hermetic Screw	R-134a / R-404a	RB5-170
	Screw	R-717 (Ammonia)	SL-R-717
	Scroll	R-22	ABR-32
	Scroll	R-134a	RB5-32
Bock	Semi-hermetic Piston	R-22	ABR-46
	Bus A/C	R-134a	RB5-68
	Semi-hermetic Piston	R-134a / R-404a	RB5-68
	Open Piston	R-717 (Ammonia)	SL-R-717
	Open Piston	R-134a / R-404a	RB5-55
Borsig	Turbo Compressor	R-12	ABR-100
	Turbo Compressor	R-22	ABR-68
	Turbo Compressor	R-717 (Ammonia)	SL-R-717
	Turbo Compressor	R-290 (Propane)	SLPAG-100
	Turbo Compressor	R-134a	RB5-100
Bristol	Hermetic	R-12 / R-22	ABR-32
	Piston	R-134a / R-404a	RB5-32
Carrier (Caes / Transicold)	Piston	R-134a / R-404a	RB5-32
	Centrifugal	R-134a / R-404a	RB5-32
Copeland	Piston / Scroll	R-134a / R-404a	RB5-32
Dorin	Screw	R-134a / R-404a	RB5-32

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Manufacturer	Unit Type	Refrigerant Type	Recommended Lubricant
Grasso	Piston	R-22	ABR-46
	Piston	R-717 (Ammonia)	SL-R-717-68
	Screw	R-134a / R-404a	RB5-68
HKT (Goeldner)	Semi-hermetic	R-717 (Ammonia)	SL-R-717-46
Mycom	Screw	R-717 (Ammonia)	SL-R-717-46
McQuay	Centrifugal	R-134a / R-404a	RB5-32
	Screw (Commercial)	R-134a / R-404a	RB5-68
Sabroe	Piston	R-134a / R-404a	RB5-68
Trane	Screw	R-134a / R-404a	RB5-68
	Scroll	R-134a / R-404a	RB5-32

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SLFI Product #	Shell	Mobile	Texaco/Chevron	Total	Petro Canada	Fuchs	CPI	Croda	Sunoco	Bitzer
Ammonia Ref. Systems	SL-R-717	Clavus S-68	Gargoyle Arctic SHC-22CF / 300	Capella Premium 68/ Capella A-68	Lunaria NH 68	Refo Synth 68A	Reniso K-68	1009/4600-68	4 GS	G-68
	SL-CNPL									
	SL-II-46-FS						4619-68			
	SL-ABR-32	Clavus AB-32	Zerice S-32	Capella WF-32	Lunaria SH/FR 46	Reniso SP-32	4700-32	Icematic ZL-32	3 GS	Bitzer B 5.2
	SL-ABR-46	Clavus AB-46	Zerice S-46	Capella Oil WF-46	Lunaria FH/NH 68	Reniso SP-46	4700-46	Icematic ZL-46	4 GS	
	SL-ABR-68	Clavus AB-68	Zerice S-68	Capella Oil WF-68	Lunaria SH/FR 46	Reniso S-68	4700-68	Icematic ZL-68	5GS	
	SL-ABR-100		Zerice S-100			Reniso SP-100	4700-100	Icematic ZL-100		Bitzer 100
	SL-ABR-150						4700-150			
HCFC Ref. Systems	ABR-32	Clavus-32/SD-2212	Garg Arctic-155/SHC-224	Capella WF-32	Lunaria SH/FR 46	Reniso KIM-32	1009/4214-32		3 GS	
	ABR-46		Garg Arctic-C/SHC-226E	Capella Oil WF-46	Lunaria FH/NH 68	Reniso KS-46	1009/4214-46		4 GS	
	ABR-68	Clavus-68	Garg Arctic-300/SHC-228	Capella Oil WF-68	Friga-2	Reniso KC-69	1009/4214-68			
	ABR-100					Reniso KES/ TES-100	1009/4214-100		5GS	
	ABR-150						1009/4214-150			
	RB5-32		EAL Arctic-32	Planet Elf-AC-32	Planet Elf-AC-32	Reniso Triton SEZ 32	Solest S-32	Icematic SW-32	SL-32S	BSE 32
	RB5-46		EAL Arctic-46	Planet Elf-AC-46	Planet Elf-AC-46	Reniso Triton SEZ 46	Solest S-46	Icematic SW-46		BSE 55
	RB5-68		EAL Arctic-68	Planet Elf-AC-68	Planet Elf-AC-68	Reniso Triton SEZ 68	Solest S-68	Icematic SW-68	T-68	
HFC Ref. Systems	RB5-100		EAL Arctic 100	Planet Elf-AC-100	Planet Elf-AC-100	Reniso Triton SEZ 100	Solest S-100	Icematic SW-100		
	RB5-150			Planet Elf-AC-150	Planet Elf-AC-150	Reniso Triton SEZ 150	Solest S-150			
	RB5-170					Reniso Triton SEZ 170	Solest S-170			BSE 170
	RB5-220		EAL Arctic 220			Reniso Triton SEZ 220	Solest S-220			
CO ₂ Ref. Sys	2884						4624-68			
CO ₂ Ref. Sys Miscible	6227-85					Reniso-C-86				

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