

# Lubrication Technologies, Inc.

## Synthetic Lubricant Cross Reference Chart Series

### Synthetic H1 Food Grade Compressor Lubricants

	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	Remarks
<b>Acculube</b>	ALFG 32	ALFG 46		ALFG 100	ALFG 150		PAO
<b>Air2000</b>		SF200FG					
<b>Aluchem (Italy)</b>	Alusynt FGC 32	Alusynt FGC 46	Alusynt FGC 68	Alusynt FGC 100	Alusynt FGC 150		
<b>Amerilube (Amer. Synthol)</b>		FGRCL-46					PAO
<b>Anderol</b>	SFG 100	SFG 200	SFG 250	SFG 300	SFG 400		
	FGC-10	FGC-20	FGC-30		FGC-40	FGC-50	PAO, also FGC-5, FGC-15
	FGC-32	FGC-46	FGC-68	FGC-100	FGC-150		PAO
	FG XL 32	FG XL 46	FG XL 68	FG XL 100	FG XL 150		PAO, Kosher , also FG XL 15
<b>Anglomoil (Australia)</b>		SFG 46	SFG 68				PAO
<b>Aral (Germany)</b>		Eural Comp 46	Eural Comp 68	Eural Comp 100			
	Alusynt FGC 32	Alusynt FGC 46	Alusynt FGC 68	Alusynt FGC 100	Alusynt FGC 150		
<b>Atlas-Copco</b>	GA-FG						
<b>Avatar</b>	ProTech 32 CS	ProTech 46 CS	ProTech 68 CS	ProTech 100 CS			
<b>Bel-Ray</b>	SC1 32	SC1 46	SC1 68	SC1 115			
<b>Bremer &amp; Leguil (Germany)</b>	Rivolta FL (several viscosities, specific grades unknown)						PAO
<b>BVA</b>	SHP-6-32-F	SHP-6-46-F	SHP-6-68-F	SHP-6-100-F	SHP-6-150-F	SHP-6-220-F	PAO
	SHP-24-32-F	SHP-24-46-F	SHP-24-68-F	SHP-24-100-F	SHP-24-150-F	SHP-24-220-F	PAO
				PGNS-18-100-F	PGNS-18-150-F	PGNS-18-220-F	PAG, HC & process applications
<b>Camco</b>	FMO 32	FMO 46	FMO 68	FMO 100	FMO 150	FMO 2210	PAO
					FMO-8-150	FMO-8-220	PAO
<b>Cargo (Sweden)</b>		FG Syn Comp Oil 46		FG Syn Comp Oil 100			
<b>Castrol</b>	OPTILEB® V 32	OPTILEB® V 46	OPTILEB® V 68	OPTILEB® V 100			PAO
<b>Champion (G-D)</b>	Rotorlub 4000FG		Food Grade PAO				
<b>Chevron</b>		Syn Compressor FM					PAO
<b>CITGO</b>	Clarion CG FG 32	Clarion CG FG 46	Clarion CG FG 68				PAO, (CG=CompressorGard)
<b>Compair</b>		SSL-35F	CSX20				
<b>CPI</b>	4600-32F	4600-46F	4600-68F	4600-100F	4600-150F		
		4624-46F	4624-68F	4624-100F		4624-220F	
<b>Curtis</b>		RF4000FG, VO-416					
<b>Dow Corning</b>	Molycote L-1232FG	Molycote L-1246FG	Molycote L-1268FG	Molycote L-1210FG	Molycote L-1215FG	Molycote L-1220FG	PAO
<b>DuPont</b>	Krytox FG 40, 45, 50	(viscosities unknown)					PFPE
<b>eCompressor</b>	ECAFG 32	ECAFG 46					PAO
<b>Fuchs</b>	Geralyn SF 32	Geralyn SF 46	Geralyn SF 68	Geralyn SF 100	Geralyn SF 150	Geralyn SF 220	PAO
<b>Frick</b>			14				

	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	Remarks
<b>Gardner-Denver</b>	AEON 6000FG	AC-FG PAO					
<b>Gulf Atlantic</b>			GAO-F 68				
<b>Habot (So. Africa)</b>	H-7611	H-7622	H-7633	H-7644	H-7655		
<b>HUSKEY</b>	HI-LO 32	HI-LO 46	HI-LO 68	HI-LO 100	HI-LO 150	HI-LO 220	PAO
<b>Industrial Oils Unlimited</b>			Synthetic F/G CO 68	Synthetic F/G C.O. 100			Synthetic F/G Compressor Oil
<b>Industrias Certanium (Mexico)</b>		Metatron 269-46	Metatron 269-68	Metatron 269-100	Metatron 269-150		
<b>Industri-Lube</b>	I-32FG	I-46FG		I-100FG	I-150FG		
<b>Ingersoll-Rand</b>		SSR H-1F	FG Coolant				
	Silol FG (viscosity unknown)						PAO, for Silu compressors
<b>JAX</b>	Syncomp FG 32	Syncomp FG 46	Syncomp FG 68	Syncomp FG 100	Syncomp FG 150		
<b>Kaeser</b>		Sigma 8000FG 460					
	FG Premium Plus						
<b>Keystone</b>	Nevastane SL 32	Nevastane SL 46	Nevastane SL 68	Nevastane SL 100	Nevastane SL 150	Nevastane SL 220	PAO
	See Total						
<b>Leroi</b>		SSL-46FG	SSL-35F				
<b>Levroil</b>	FQL-C 32/46		FQL-C 68	FQL-C 100			Extended Hour Series
<b>Lubcon</b>	Turmosynthoil GV32	Turmosynthoil GV46	Turmosynthoil GV68	TurmosynthoilGV100	TurmosynthoilGV150	Turmosynthoil GV220	
<b>Lubricants USA</b>	see Total						
<b>Lubricating Specialties</b>	Syncom FM 32	Syncom FM 46	Syncom FM 68	-----	-----	-----	PAO
<b>Lubrication Engineers</b>		Quinplex 4046					
<b>Lubricon</b>	Omnilube 32/46		Omnilube 68	Omnilube 100			Ultrachem product
	Omnilube 520	Omnilube 546	Omnilube 568	Omnilube 5131	Omnilube 640		Ultrachem product
<b>LUBRIPLATE</b>	SFGO Ultra 32	SFGO Ultra 46	SFGO Ultra 68	SFGO Ultra 100	SFGO Ultra 150	SFGO Ultra 220	PAO, also ISO VG 22
<b>INLUBE (Australia)</b>		113-46	113-68	113-100			
<b>Magna</b>		Omega 615-46		Omega 615-100			
<b>Mainlube (Australia)</b>		113 Oil 46	113 Oil 68	113 Oil 100			
<b>Mattei</b>				Rotoroil 8000FG			Diester
<b>Mobil</b>	SHC Cibus 32	SHC Cibus 46	SHC Cibus 68	SHC Cibus 100	SHC Cibus 150	SHC Cibus 220	
<b>Nils Italia (Italy)</b>	Compr Synt Food 32	Compr Synt Food 46	Compr Synt Food 68				
<b>Nye</b>	269		271		272		PAO
<b>Pakelo (Italy)</b>	Non Tox Oil Compressor 32 through 150						PAO
<b>Performance Filters (PFI)</b>	SL-32FG	SL-46FG		SL100FG			
	BGGCL 32	BGGCL 46	BGGCL 68				
<b>Petro-Canada</b>	Purity FG 32	Purity FG 46	Purity FG 68	Purity FG 100			Group III
<b>Petronomics</b>	51300	51302	51304	51306	51308		PAO Food Grade Compr. Oil
		55304	55306	55308	55310		PAO Food Grade Comp&HydOil
	55320	55322	55324	55326	55328	55330	PAO RS Food Grade Compr. Oil
			54040	54042			PAO FG RS & Recip Compr. Oil
	56060	56062	56064	56066	56068		POE FG RS & Recip. Comp. Oil
	56160	56162	56164	56166	56168		PAO FG RS & Vane Comp. Oil
	56180	56182	56184	56186	56188		PAO FG Process Gas Comp. Oil
	56200	56202	56204	56206	56208		PAO FG RotaryCom&BlowerOil
	56540	56542	56544	56546	56548		Silicone FG Gas & RS Comp Oil
	56630	56632	56634	56666	56668		PAO, Kosher Compressor Oil
<b>Petrochem</b>	SynCOMP FG 32	SynCOMP FG 64		SynCOMP FG 100	SynCOMP FG 150		PAO
<b>Petronas (Malaysia)</b>		Pressol SYN RS 46	Pressol SYN RS 68	Pressol SYN RS 100	Pressol SYN RS 150		PAO

	<i>ISO 32</i>	<i>ISO 46</i>	<i>ISO 68</i>	<i>ISO 100</i>	<i>ISO 150</i>	<i>ISO 220</i>	<i>Remarks</i>
<b>PSI</b>	FG32	FG46					
<b>Quincy</b>			Quin-syn F				
<b>Rocol</b>	Foodlube Hi-Power 32, 46		68	100			
<b>Royal Lubricants (Anderol)</b>	Royco 432FG	Royco 446FG	Royco 468FG	Royco 486FG			
<b>Royal Purple</b>	Synfilm FDA 32	Synfilm FDA 46	Synfilm FDA 68	Synfilm FDA 100			
	Poly-Guard FDA 32	Poly-Guard FDA 46	Poly-Guard FDA 68	Poly-Guard FDA 100	Poly-Guard FDA 150	Poly-Guard FDA 220	
<b>Schaeffer</b>	#269 Hydr. H-1 32	#269 Hydr. H-1 46	#269 Hydr. H-1 68	#269 Hydr. H-1 100	#269 Hydr. H-1 150	#269 Hydr. H-1 220	PAO
<b>Sentinel</b>	S NT CO 10	S NT CO 10/20	S NT CO 20	S NT CO 30			
<b>Sentinel Canada</b>	SenSyn 432 FG	SenSyn 446 FG	SenSyn 468 FG	SenSyn 486 FG			PAO
<b>Shell</b>	Cassida CR 32	Cassida CR 46	Cassida CR 68	Cassida CR 100			
<b>SLFi</b>	SL-32FG	SL-46FG		SL-100FG			
	X32FG	X46FG	X68FG	X100FG			
	BGGCL 32	BGGCL 46	BGGCL 68				Biodegradable
<b>Statoil (Norway)</b>	CP-4608-100-F			(100)			PAO, R ecip Compressors
	CP-4600-46-F	(46)					PAO, Screw Compressors
<b>Summit (Kluber N.A.)</b>	FG-100	FG-200	HySyn FG-250	FG-300	FG-500		Kosher
<b>Texaco</b>	Cygnus Com PAO 32	Cygnus Com PAO 46	Cygnus Com PAO 68	Cygnus Com PAO 100			PAO, no longer marketed
<b>Total</b>	Nevastane SL	32	46	68	100		PAO
	Nevastane SE						Ester
		Vestan Syn C.O. 46		Vestan Syn C.O. 100			PAO
<b>Tribology Tech-Lube</b>	TACO FG 32	TACO FG 46	TACO FG 68	TACO FG 100	TACO FG 150		
<b>Ultrachem</b>	Omnilube 520	Omnilube 546	Omnilube 568	Omnilube 5131	Omnilube 640		Kosher, NSF
	Omnilube32/46		Omnilube 68	Omnilube 455			Kosher, NSF, longer life
<b>Verkol (Spain)</b>		Navasynt FG 46					
<b>Whitmore</b>	Medallion SAC 32	Medallion SAC 46	Medallion SAC 68	Medallion SAC 100			

Notes, disclaimer, and copyright:

1. The original intention of this study was to list only finished synthetic lubricants made from Group IV or Group V base oils; we have now decided to include those oils that contain Group III base oils.
2. All the above lubricants are full synthetic; non are para-synthetic or semi-synthetic.
3. A few of the above listed lubricants may no longer be marketed, but were intentionally listed so that the user of these charts could determine a suitable replacement for a recently obsolete lubricant.
4. This chart is only intended as a list of similar synthetic lubricants. Lubrication Technologies, Inc. does not intend to represent that all the lubricants listed herein are necessarily of the same quality or offer the same level of performance in all instances. Quality and performance can vary.
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