

Lubrication Technologies, Inc.

Synthetic Industrial Lubricant Cross Reference Chart Series

PAG, POE, Other Synthetic Compressor Lubricants

(PAG, POE, Silicone, Propylene Glycol, Perfluorinated Polyether, etc)

	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	Other, Remarks
Acculube	See Simmons Synthetics						
Air 2000	POLYG 32	POLYG 46					PAG
Allegheny Petroleum	Altra PG 32	Altra PG 46	Altra PG 68	Altra PG 100	Altra PG 150	Altra PG 220	PAG
Aluchem (Italy)	Alusynt CP 32	Alusynt CP 46					PAG/Ester
American Chemical Technologies		SynLube 146	SynLube 168				POE
American Synthol	Amerilube PGRS	Amerilube PGRI PGRQ, PGRS	Amerilube PGRI				
Amsoil	Sirocco SE1 (between ISO 32 and 46)						Ester
Anderol	PG Supreme 32 BDC 32	PG Supreme 46 BDC 46, Prem. Plus	PG Supreme 68 BDC 68	BDC 100 8100 S 100 Mothanol SH 100	BDC 150 8150	RCF 200 8220	Ester PG Supreme is PAG/Ester POE PAG, Process Gas Group III Ester
Aral (Germany)	S 32	S 46	S 68				
Atlas Copco		Roto Extreme Duty Fluid					
Busch	R-620 (viscosity unknown)						Fomblin Perfluorinated Polyether
BVA	SPOE-42-32 PGPE-1-32 PGNS-16-32 PGSW-15-32	SPOE-42-46 PGPE-1-46 PGNS-16-46 PGSW-15-46	SPOE-42-68 PGNS-16-68 PGSW-15-68	SPOE-42-100 PGNS-16-100 PGSW-15-100	SPOE-42-150 PGNS-16-150 PGSW-15-150 Synlube 140 (185 cSt)	SPOE-42-220 PGNS-16-220 PGSW-15-220 PAG	POE PAG/POE PAG, for Hydrocarbon Gas PAG, for Hydrocarbon Gas
Caltex			PAG42-68				PAG/Ester
Camco	PAG42-32						
Castrol				Tribol 1450/100 Compr LPG9-100		Tribol 1450/220	for wet CO2 gas
Cepsa (Spain)	Compr LPG9-32	Compr LPG9-46	Compr LPG9-68	Compr LPG9-100			PAG (Compressor LPG 9)
CITGO	CompressorGard GE 32 & 46 (ISO 32 & 46)			CompressorGard PAG 80		CompressorGard PAG 220 Polyglycol C.L. 220	PAG POE Propylene Glycol for propane refrigeration
	TN-600			CompressorGard IPG 100			
Cognis (BASF)	Breox 32	CompressorGard XL 46 Breox 46	CompressorGard XL 68 Breox 68				PAG/POE
					Breox CL 1300, 1400 Breox LPG9 (185 cSt) Breox SW 150	Breox SW 220	PAG, ethylene compression PAG, petroleum, chemical, inert gas PAG, 320, 460 also

	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	Other, Remarks
Colorado Petrol							Group III Base Oil
Compair	Complube 10						POE
Conoco		Syndustrial PAG 46	Syndustrial PAG 68	Syndustrial PAG 100			PAG
	Syndustrial Rotary 32/46						PAG/Ester
CPI (Lubrizol)		PAG GCF XD1	PAG GCF XD3 (ISO 68/100)		PAG GCF XD5 (ISO 150/220)		PAG, obsolete
Curtis Toledo		RS 12000	CP-1516-68	CP-1516-100	CP-1516-150	CP-1516-220	PAG for HC gas
Direct Supply	DS05-250022-669						
Dow Chemical	UCONALL 32	UCONALL 46	UCONALL 68	UCON C. L. PE-300, 302, 320L (all 275 cSt at 40C)			Polyglycol
					UCON C.L. R-1 (195 cSt at 40C)		PAG, for centrifugal
					UCON C.L. RSC-155 (135 cSt at 40C)		PAG, for ethylene hypercompressor
	UCON Lubr LB-170-X						PAG, for reciprocating hydrogen compr.
Dow Corning	Molycote L-3232	Molycote L-3246					PAG, for reciprocating nat. gas compressor
		Molycote L-4646					PAG, for natural gas rotary screw compr.
				FS-1265			PAG, for helium rotary screw compressor
Dubois		Summa Glycol					PAG/POE
Duratherm	Glycol 32	Glycol 46					POE
eCompressor		PG3200 PG2000 (52 cSt)					Fluorosilicone
ENOC (UAE)					Spiro PG 140		PAG
Esso (Imperial)					Exxcolub SRS 150	Exxcolub SLG 190	PAG
Exxon	Glycolube 32	Glycolube 46	Glycolube 68	ExxcolubSLG100	Glycolube 150		PAG, no longer marketed
				Exxcolub SRS 100	Exxcolub SRS 150		PAG, no longer marketed
Fragol (Germany)			Ucolub NAE 68		Ucolub NAE 150		PAG
FS Elliott	Corona Turbo Blue						Group III
Fuchs	Synshield 32	Synshield 46	Synshield 68	Synshield 100	Synshield 150		POE
Gardner-Denver		AEON Bio					POE
		AEON PG					PAG/Ester
		AEON 2000, AEON 4000					Group III
GB Lubricants (UK)		Unicool S					PAG/POE
G-C Lubricants		Primus 46E					POE
Gulf Oil Ltd. (India)					Synth Compr. 150	Synth Compr. 220	PAG
IndianOil (India)						Servosynco 270	PAG,270cSt
	Servosynco PE 32	Servosynco PE 46	Servosynco PE 68				POE
	Servosynco AN 32	Servosynco AN 46	Servosynco AN 68	Servosynco AN 100			AN/PAO blend
Industri-Lube	I-PGS	I-PGI					PAG
	I-32PEP	I-46PEP I-Super,					POE
Ingersoll-Rand					XL Nova		PAG
		SSR Ultra Coolant					PAG/Ester
	SSR Ultra Plus, OCV Zero						POE
	Techtrol Gold						70% Polypropylene/30% ester
I.S.E.L.	6321-32	6321-46					PAG
	6863-32	6863-46	6863-68				POE
	6088						Silicone

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JAX	Syn Air PGE 32	Syn Air PGE 46					PAG/Ester
Kluber	Klubersynth DH6-32						PAG
Leroi		SSL-46 Plus HT	SSL-68 Plus HT				POE
Lubemaster	Syncom 10W	Syncom 20	Syncom 20	Syncom 30			POE
Lubricants USA	See Total						POE
	Synolan PG 32			Polyglycol 100	Polyglycol 150	Polyglycol 220	PAG, no longer marketed
Lubrication Engrs	Multitec 6801	Synolan POE 46	Synolan POE 68				POE, no longer marketed
LUBRIPLATE	SynXtreme AC 32	Multitec 6802	Multitec 6803	Multitec 6804	Multitec 6805		Group III
	Syncool 32	SynXtreme AC 46	SynXtreme AC 68				POE
Mainlube (Australia)		Syncool 46					PAG/Ester
Mobil			Glygoyle 11		114 Oil-150	114 Oil-220	PAG
	Zerice 32	Zerice 46	Zerice 68	Zerice 100	Glygoyle 22	Glygoyle 30	PAG (A/C, Brg. & Gear)
Morris (UK)		Air Force PG 46					AB, Zerice 15 also
Nuvair		Nuvair 800 (viscosity unknown)					PAG/Ester
Nyco Americas	NYCOLUBE 3030	NYCOLUBE 3040	NYCOLUBE 3050	NYCOLUBE 3060			Tri-Ester
OptiDyn	Optisil (39 cSt at 40C)						POE
Palatek	OP-SPR	OP-QPR	OP-IPR (50 cSt at 40C)				Silicone
	Pallube 32						PAG Replacement
	AFX 32						PAG/Ester
Orelube			L-68	L-100			POE
Palatek		PAL EXTRA					Ester
	AFX 32						PAO/POE
	Pallube 32						POE
Performance Filters (PFI)	SL-32GR	Supreme					PAG
		SL-46GR					POE
Petro-Canada		Compro Syn Comp					PAG/POE
	Compro 32		Compro 68	Compro 100	Compro 150		Group III
	Compro XL S 32	Compro XL S 46	Compro XL S 68	Compro XL S 100	Compro XL S 150		Group III
Petronas (Malaysia)	Pressol Syn IR32	Pressol Syn IR46	Pressol Syn IR68	SPX 7000 (129 cSt)	SPX 5000		PAG, For natural gas compression
Petron Plus							PAG
(prev. Petronomics)	51380 (viscosity unknown)					51355	PAG Natural Gas Compressor Oil
			51392	51394	51396	51398	PAG Natural Gas Compressor Oil
		51472	51470				PAG Gas Compressor Oil
	53050	53052					PAG/Ester Compressor Oil
			53054	53056	53058		POE Rotary Screw Compressor Oil
	56040	56042	56044	56046	56048		POE Recip & Rotary Screw Compressor Oil
	56050	56052	56054	56056	56058		POE Air Compressor Cylinder Oil
	56060	56062	56064	56066	56068		POE Recip & Rotary Screw Compressor Oil
	56480	56482	56484	56486	56488		POE Recip & RS Compressor&Bearing Oil
	56490	56492	56494	56496	56498		PAG Rotary Screw & Vane Compressor Oil
	56500	56502	56504	56506	56508	56510	Silicone Compressor Oil
	56520	56522	56524	56526	56528	56530	Silicone Gas & Ro. Screw Compressor Oil
						56532	Silicone Compressor Oil

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Petron Plus (cont)	56670 (viscosity unknown), 56680 (viscosity unknown)	56640	56644				POE
PetroStar Global	Star 6321						PAG Natural Gas Compressor Oil
	Star 6863-32	Star 6863-46	Star 6863-68				PAG
	Star 6088						POE
	Star PGR 32	Star PGR 46					Silicone
	Star EXT 32	Star EXT 46	Star EXT68				PAG
	Star SIL						POE
Phillips 66		Syndustrial PAG 46	Syndustrial PAG 68	Syndustrial PAG 100			Silicone
	Syndustrial Rotary 32/46						PAG
	Syndustrial G 5W-20						PAG/Ester
Prista (Bulgaria)		PAG-46					PAG, obsolete
PRO-CHEM-CO				PRO-COMPRESSOR 100			PAG/POE Mixture
PSI	PG 3200						POE
QALCO (Qatar)				Syntech AA	Syntech BB		PAG
Quincy		Quin-Syn PG					PAG
		Quin-Syn Prime					POE
		Quin-Syn HP	Quin-Syn XP				POE
		Quin-Syn Edge					POE
		Quin-Syn Endura					POE
Raloy (Mexico)	PG Compressor (viscosities not specified)						PAG
Ravenol (Germany)		Kompress. PAG 46	Kompress. PAG 68	Kompress. PAG 100	Kompress. PAG 150	Kompress. PAG 220	PAG, full name – Kompressorenoel
		Kompress. POE 46	Kompress. POE 68	Kompress. POE 100	Kompress. POE 150	Kompress. POE 220	POE, full name – Kompressorenoel
Red Line	Syn Polycomp 10W		Syn Polycomp 20W	Syn Polycomp 30W			PAO/POE
Royal	Royco 832		Royco 868	Royco 886	Royco 889		PAG
Santovac	Santotrac 6032P	Santotrac 6046P	Santotrac 6068P	Santotrac 6100P			PAO/POE
SELCO					SF 340	SF 580	PAG
Select Lubricants		SL24-046					Silicone
Sentinal	SULCO 32	SULCO 46	SULCO 68	SULCO 100			
	SCO 105	SCO 205	SCO 305	SCO 405	SCO 505	SCO 605	POE
Sentinel Canada	SenSyn RCF9 (viscosity unknown)						PAG
	SenSyn CPG 10/20						PAG/Ester
	SenSyn PX2, PX4, PX6 (viscosities unknown)						POE
Shell	Corena PGE 32		Corena PGE 68				PAG/Ester, no longer marketed
				Madrela GP 100	Madrela GP 150	Madrela GP 220	PAG, no longer marketed
Simmons Synthetics		Ultimate 46	Ultimate 68				POE
	AL32PG						PAG/Ester
		AL Gold 46					Silicone
				ALPG-2		ALGL 220	PAG, for natural gas compressors
			ALPG 68	ALPG 100	ALPG 150		PAG, for natural gas compressors
			ALGL-444 (79 cSt at 40C)				PAG, for natural gas compressors
SLFi	Series G		680C	1000C	1500C		PAG
	SIL (ISO 32/46)						Silicone
Statoil (Norway)	CP-1505-			100			PAG
	CP-1507-		68	100			PAG
	CP-1515-			100			PAG, for sour gas

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Sullair	Sullube 32	Sullube 60					Polyglycol PAG/Pentaerythritol Ester
Summit (Kluber NA)	24KT Supra 32	Supra Coolant PGS 46	PGS 68	PGS100, PGS-2 NGL-444	PGS150 NGL-777	NGL-888	Semiorganic; Silicone PAG PAG, for Natural Gas PAG, for Natural Gas POE Silicone Natural Gas Compressor Oil PAO/Group III
Syn-flo		Ultima 46 AU-46	Ultima 68	NGL-555			POE PAG
Texaco	60GC	Ultima 7.1 Super 70GC		Cetus PGM 100	Cetus PGM 150		Water Soluble PAG, No longer marketed
Thermal-Lube	Cetus PGE 32 XL-7336/32	XL-7336/46	Cetus PGM 68 Cetus PGE 68				Polyglycol/Ester, No longer marketed
Total	XL-7338/032 Dacnis PG 32	XL-7338/046	XL-7338/068 Dacnis PG 68 Dacnis POE 46 SCN Compressor 46	XL-7338/100	XL-7338/150		PAG POE PAG POE Silicone PAG/POE
Tribology Tech-Lube Ultrachem	Ultima Coolant 32	Ultima Coolant 46	Ultima Coolant 68	Ultima Coolant 100	Ultima Coolant 150		
	Coolant 32, Coolant 32 PE (both ISO 32)	Ultrachem Coolant, Ultrachem Coolant PE (both ISO 46)					PAG/POE PAG/POE POE/PAG
	Ultra Gold		PGWI 68 PGWS 68	PGWI 100 PGWS 100	PGWI 150 PGWS 150	PGWS 220	PAG for polar gases PAG POE POE Silicone Group III
	Chemlube 932	Chemlube 946 Chemlube Plus10	Chemlube 968 Chemlube Plus 68	Chemlube 9100			Insoluble Soluble, also RSC 460 & 680 PAG PAG
Union Carbide	Platinum BTG 32-S Ucon LB-140XY Ucon RSC 32 Uconall 32	46-S Ucon LB-170XY Ucon RSC 46 Uconall 46 UA-PG 46	68-S Ucon LB-300XY Ucon RSC 68 Uconall 68 UA-PG 68	100-S	150-S Ucon RSC 150 Uconall 150	RSC 220	
Univ. Air (U-Slick)	UA-PG 32		HC 68	HC 100			Insoluble PAG PAG PAG/Ester PAG
Vilter		Decathalon PG 46	Decathalon PG 68				
Whitmores		ECOSYN CPG 46					
Wipa Chemicals (Belgium)					Selco SF-560 (186 cSt)		
Yale Selco							
76 Lubricants		Syndustrial PAG 46	Syndustrial PAG 68	Syndustrial PAG 100			PAG PAG/Ester
	Syndustrial Rotary 32/46						

Notes, disclaimer, and copyright:

1. The original intention of this study was to list only finished synthetic lubricants made from Group V base oils for this particular chart; we have now made the decision to also include those oils made with 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 obsoleted 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.
5. Disclaimer: every reasonable effort was taken to insure that these charts are as accurate as possible; however, we will not be responsible any liability for any errors or inaccuracies. Lubrication Technologies, Inc. will not be held responsible for any decisions made as a result of the information provided above.
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