

LubriTec

Synthetic Lubricant Cross Reference Chart Series



Synthetic Industrial E. P. Gear Lubricants

AGMA Grade	Series Name	ISO 46 1EP	ISO 68 2 EP	ISO 100 3 EP	ISO 150 4 EP	ISO 220 5 EP	ISO 320 6 EP	ISO 460 7 EP	ISO 680 8 EP	ISO 1000	Remarks
Agip (Italy)	Blasia S				150	220	320				PAG
	DT SINT		68	100	150	220	320	460	680		
Alithicon*	SGO Enclosed Gear Oil			100	150	220	320	460			
Allegheny Petrol.	Altra SHL Gear EP	46	68	100	150	220	320	460	680	1000	
Aluchem (Italy)	Alusynt X-EP		68	100	150	220	320	460	680	1000	
	Alusynt PSL			100	150	220	320	460	680	1000	PAG
Amalie	Synthetic Industrial Gear Oil					220	320	460	680	1000	
American Agip	Syngear EP	----	----	100	150	220	320	460	----	----	PAO
American Chem. Technologies	EcoGear			100		220	320	460			
American Lubr.	Syn EP Gear				100	150	220	320	460		PAO
AMSOIL	-----	SGI	SGJ	SGK	SGL	SGM	SGN	SGO	SGP	----	PAO
Anderol	-----	5001	----	----	5004	5005	5006	5460	----		PAO
	(#) XEP	4046	4068	4100	4150	4220	4320	4460	4680	4111	PAO
	(#) XEP	----	----	----	2150	2220	2320	----	----	----	Diester
Aral (Germany)	Degol PAS				150	220	320	460			PAO
	Degol GS				150	220	320	460	680	1000	PAG
	Degol BAB		68	100		220		460			Ester
	Degol ESG			100		220	320	460			PAO
	Degol BMB	46		100		220	320	460	680	1200	Silicone
	Degol BG	46	68	100	150	220	320	460	680		Silicone
	Degol BG plus			100	150	220	320	460	680		Silicone
Aztec (UK)	Syngear	46	68	100	150	220	320	460	680		PAO
	Synthetic Gear Oil W			100/150							PAG
Baum's Castorine	Tena-Film EP			500	700	1000	1400				
Bechem (Germany)	Berusynth EP			100	150	220	320	460	680	1000	
Bel-Ray	SE2 Lubricant	50	----	65	90	140	200	200	250	350	PAO
	Synthetic Gear Oil 6692						(320)				PAO
Benz Oil	Syn-Tech PAO	----	68	100	150	220	320	460	680	----	PAO

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Houston, TX 77024

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	Series Name	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460	ISO 680	ISO 1000	Remarks
BP	Enersyn SG-XP					220		460			PAG
	Enersyn HTX				150	220	320				PAO
BVA	SHP-29				150	220	320	460			PAO
C&C Oil	Duration Syn EP Gear Oil			100	150	220	320	460			
Cam2	Synthetic EP Industrial Gear Lube		68	100	150	220	320	460	680	1000	
Castrol	Isolube EP	46	68	100	150	220	320	460	-----	-----	Group III Base Oil
	Alphasyn PG				150	220	320	460			PAG
	Alphasyn EP						320				PAO
	Syngear					220					Ester
	Tribol 800-	-----	-----	-----	150	220	320	460	680	1000	PAG
	Tribol 1510/					220	320	460			PAO
	Optigear Synthetic A					220	320	460			PAO
	Optigear Synthetic X						320				PAO
	BIOTOP 1418				150	220	320	460			Biodegradable Ester
Century/NFO	Gear Pro			3S	4S	5S	6S	7S			POE
Cepsa (Spain)	Gear HPS (Engranajes)				150	220	320	460			PAG
	Gear HPX (Engranajes)		68	100	150	220	320	460	680		PAO
Champion	SynGold EPG		68	100	150	220	320	460	680		API GL-5 level
Chemtool	CT EP Gear Oil			100	150	220	320	460			PAO
Chevron	Tegra Synthetic Gear	-----	-----	-----	150	220	320	460	680	-----	PAO
CITGO	Citgear EP	-----	-----	100	150	220	320	460	680		PAO
Cognis	Emgard (ISO) IND-EP	-----	-----	-----	150	220	320	460	680	-----	
	Emery	-----	-----	-----	2825	2826	2827	2828	2829	-----	
	Breox IL SW					150	220	320	460		PAG
	Breox SL										PAG, water soluble
Compagnia Italiana (Italy)	Worm Gear Lubricant 65										PAG
	Molyguard Gear Synt	46	68	100	150	220	320	460	680	1000	
Conoco	Syncon EP	-----	-----	-----	150	220	320	460	-----	-----	PAO
	Syncon Emgard					-----	320EP	460EP	680EP	-----	Cognis product
	SynXPA H-4617-	see note below									Ester
CPI					150	220	320	460			PAO
Darmex	-----			75/90EP	75/90EP	90EP	9140EP	140EP			
David Weber	Syngear EP			100	150	220	320	460			PAO
Dow	UCONALL	32	46	68	150	220		460			PAG
Dow Corning	Molykote L-2100 series				L-2110	L-2115	L-2122	L-2132	L-2146	L-2168	PAO
Dylon	Ultra Gear SL	-----	-----	-----	150	220	320	460	680	1000	
ENOC (UAE)	Reduct SH		68	100	150	220	320	460	680	1000	PAO
	Reduct PG					220	320	460			PAG
Eurol (Netherlands)	Syntan EP				150	220		460			PAG
Exxon	Spartan Synthetic EP	-----	-----	100	150	220	320	460	680	1000	PAO
Falk/Rexnord	GMax 6000			(132 cSt@40C)							PAG
Fuchs (Germany)	Renolin Unisyn CLP					220	320	460			PAO
	Renolin PG					220	320	460			PAG
Great Wall Sinopec (China)	Great Wall Syn Heavy Duty Ind. Gear Oil					220	320				

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Gulf Oil Ltd	Synthetic Gear					150			460			PAG
	EP Lubricant SY					150			460			PAO
Huskey	SLG-800 series			68	100	150	220	320	460			
Idemitsu Kosan (Japan)	Daphne Alpha Gear	32	46	68	100	150	220	320	---			
	Daphne Alpha Worm							320	460			
Igol (France)	Synarok											PAG
Ind. Oils Unltd	Syngear G-				100	150	220	320	460			
Industri-Lube	SGO		----	68	100	150	220	320	460	680	----	
Irving Oil	Syn Gear Oil			68	100	150	220	320	460	----	----	PAO
JAX	Synax EP		----	----	----	150	220	320	460	680	----	PAO
Keystone	KSL Gear Lube		----	----	----	150	220	---	460	----	----	Diester, see note below
	Keygear					150	220		460			See note below
Kluber (Germany)	Syntheso D (ISO) EP		----	----	----	150	220	320	460	680	----	PAG
	Klubersynth EG 4-		----	----	100	150	220	320	460	680	----	PAO
	Klubersynth GH 6-		----	80	100	150	220	320	460	680	1000	PAG
	Klubersynth GEM 4-		32N-46N	68N	100N	150N	220N	320N	460N	680N		
Kost	KOSTGard SynGard EP			68	100	150	220	320	460	680		
Leahy-Wolf	Synmaster					EP4	EP5	EP6	EP7			PAO
Leprinxol (Germany)	PG GK Synth		46	68	100		220			680		PAG
LuBest/Momar	Gear Oil				EP3	EP4	EP5	EP6	EP7			PAO
LubMarine (Total)	Elf Epona SA						220	320				PAO
Lubricants USA	Synpro EP	32	46	68	100	150	220	320	460	680	10009	PAO
	PAG Gear Lube					150	220	320	460	680		PAG
Lubrication Engrs.	Monolec		----	----	----	----	9220	9320	9460	----	----	PAO
LUBRIPLATE	Synlube HD		----	----	----	150	220	320	460	680	----	PAO
Lubrax/Lubritene (South Africa)	Lubrene GO Syn										1000	
Maxol (Ireland)	Synthetic Gear Oil W (viscosity unknown)											PAG
Meguain (Germany)	Gearol Synth CLP						220	320	460	680		PAO/Ester
Metalcote	MC EP Gear Oil				100	150	220	320	460			PAO
Metatron (Mexico)	Metatron 691				100	150	220	320	460	680		PAO
Mobil	Mobilgear SHC		----	----	----	150	220	320	460	680	1000	PAO, see below
	Mobilgear SHC							XMP				PAO, see below
	Glygoyle		----	11 (ISO 68/100)	22	30	----	HE460	HE680	----	----	PAG
Molyduval (Germany)	Syntholube G EP		46	68	100	150	220	320	460	680	1000	PAG
Moroil Tech.	SGL				100	150	220	320	460			
Morris (UK)	Lodexol FS					150	220	320	460			PAO
	Lodexol PG					150	220	320	460			PAO
Orelube						OL-150	OL-220	OL-320	OL-460	OL-680		
Pacer	SGO					704		706		708		PAO
Pennzoil	Super Maxol S		----	68	100	150	220	320	460	----	----	PAO
Petro-Canada	Ultima Synthetic EP		----	----	----	150	220	320	460	----	----	
Petronas (Malaysia)	Gear Syn IG	32	46	68	100	150	220	320	460	680	1000	PAO

	Series Name	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460	ISO 680	ISO 1000	Remarks
Petronomics	-----	51072	51074	51076	51078	51080	51082	51084	51086	51088	PAO
					51092	51094	51096	51098	51101	51102	PAO
		51122	51124	51126	51128	51130	51132	51134			PAO
			51390	51392	51394	51396	51398				PAG
		55160	55162	55164	55166	55168	55170				PAO
		55346	55348	55350	55352	55354	55356	55358			PAO
		57202	57204	57206	57208	57210				PAO	
					58270	58272	58274	58278			PAG
Phillips	Syndustrial EP G.O.	----	68	----	150	220	320	460	----	----	PAO
PICO Chemical	Syn GO EP				100	150	220	320	460		
Primrose	Syn-O-Gen 747-S			----	150	220	320	460	680	1000	PAO
Prolab	Monogear Synthetic				150	220	320	460	680		PAO
QALCO (Qatar)	Syntech GL							460	680		PAG
Repsol-YPF (Spain)	Super Tauro PAG				150	220	320	460			PAG
	Super Tauro Sintetico			100	150	220	320	460			PAO/Ester
Rosemead	Betalube E				150-P	220-P	320-P	460-P	680-P		
Royal Lubricants	Royco	----	----	----	611	612	613	614	616	618	PAO
	Royco	----	----	----	637	638	----	639	----	----	PAG
Royal Mfg.	Monarch Syngear 32	46	68	100	----	220	----	460	----	----	
Royal Purple	Thermyl-Glyde	46	68	100	150	220	320	460	680	1000	PAO
Schaeffer	167 Moly Pure S.G.L.	----	68	100	150	220	320	460	680	----	PAO
Sentinal	S-					10/50	90/140EP				PAO
	SC GBO		S-80	S-75/80	S-75/90	S-90	S-90/140	S-140	S-250		
Setral (Germany)	Syn Gear EP series										
Shell	Omala HD	----	----	----	150	220	320	460	680	----	PAO
	Tivela S	----	----	----		220	320	460	680	----	PAG
Shell Canada	Tivela S					220		460			PAG
	Hyperia S					220		460	680		Approved for GE Wheelmotors
Sinclair	Dyno-Tech EP	----	68	----	150	220	320	460	680	----	
SLFi	SGL		68	100	150	220	320	460	680		
	Syn Bowl Mill						EMT320	EMT460	EMT680		
Sogelub (Belgium)	SOG Synthogear (viscosity grades unknown)										
Summit	Syngear SH	----	----	----	1015	1022	1032	1046	1068	1100	PAO
	Syngear PG	----	----	----	----	220	320	460	680	----	PAG
Sun Belgium	Duragear				150	220	320	460			PAO
Superior Ind.	Ultra-Matic Syn EP Gear	S-75	S-80		S-75/90	S-80/90		S-140	S-250		Diester
Taylor Petroleum	Emert EP Industrial Gear Lube				150	220	320	460			
Texaco	Pinnacle EP	----	----	----	150	220	320	460	680	----	PAO
Texaco Panama	Synlube CLP				150	220		460	680		Polypropylene Glycol
Total	Carter SY	----	----	----	----	220	320	460	----	----	PAG
	Carter SH	----	----	----	150	220	320	460	680	1000	
Tribology	T(ISO Grade) EP Gear Oil	----	----	----	150	220	320	460	680	1000	PAO
Tech-Lube											
Tri State Indust.	Syn Gear DE			100	150	220	320	460			Diester
Ultrachem	Omnigear EP	----	68	100	150	220	320	460	680	----	PAO
	Chemlube		80W		80W-90	140	150	250			Ester

	<i>Series Name</i>	<i>ISO 46</i>	<i>ISO 68</i>	<i>ISO 100</i>	<i>ISO 150</i>	<i>ISO 220</i>	<i>ISO 320</i>	<i>ISO 460</i>	<i>ISO 680</i>	<i>ISO 1000</i>	<i>Remarks</i>
Ultramar (Canada)	Emgard Syn. WGL				150	220	320	460			Cognis product
(subsidiary Valero)	Emgard Syn IND-EP				150	220	320	460			Cognis product
Valvoline	SynGard G	----	----	----	150	220	320	460	680	----	
Veloil (Thailand)	Indpro Syngear EP		68	100	150	220	320	460	680		
Verkol (Spain)	Corvus EP				150	220	320	460			
	Patela				150	220	320	460		1000	PAG
Wallover	WOCO SGO			----	150	220	320	460			PAO
Whitmore	Decathlon HD	----	----	----	150	220	320	460	680	1000	PAO
	Decathlon F						320				PAO
Wunsch (Germany)	Synthetik Fluid SG-220		68	100	150	220		460			PAG
	Synthetik Fluid SGW			100	125	220					PAG
Yale Selco (India)	Selco SF-400							320		680	
76 Lubricants	Triton Syngear	----	----	----	4EP	5EP	----	7EP	----	----	PAO

* Southeast Oil & Grease

Conoco SynXPA H-100, H-200, H-300, H-500, H-700 are ISO 2100, 500, 7300, 11000 and 25000, respectively, EP ester gear oils.

Mobil – also Mobilgear SHC 22M & 46M, which are ISO 23,000 & 46,000 respectively

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