

LubriTec

Synthetic Lubricant Cross Reference Chart Series



Other Misc. Synthetic Industrial Lubricants (Products Not Included in Previous Industrial Synthetic Lubricant Charts)

| | Series Name | ISO 32 | ISO 46 | ISO 68 | ISO 100 | ISO 150 | ISO 220 | ISO 320 | ISO 460 | Remarks |
|------------------------|---------------------------------------------|-----------------|--------|-----------------|---------|---------|---------|---------|---------|-----------------------------------------|
| Aluchem (Italy) | Alusynt Texil S | 22 | 32 | 46 | | | | | | Textile Knitting Oil |
| | Alusynt Texil SL | 22 | 32 | 46 | | | | | | Textile Knitting Oil, also ISO 10 |
| | Alusynt PF | 22 | 32 | | | | | | | Airline Oil, also ISO 15 |
| | Alusynt FGL | (ISO 5, 15, 22) | | | | | | | | H1 Food Grade Airline Oil |
| | Thermolube | 32 | | | | | | | | Heat Transfer Fluid |
| | Thermolube 12 | (22) | | | | | | | | Heat Transfer Fluid |
| | Thermolube S 68 | | | (68) | | | | | | Open System Heat Transfer Fluid |
| American Agip | Alusil D | | 46 | 68 | 100 | 150 | 220 | 320 | 460 | Silicone Heat Transfer also 680 & 1000 |
| | Synthetic Open Gear Lube | | | | | | | | | Open Gear Lube |
| AMSOIL | NTE | ISO 10 | | | | | | | | Non-Staining Textile Spindle Lubricant |
| | OGC | NLGI 1 | | | | | | | | Open Gear & Wire Rope Compound |
| Anderol | 610 | ISO 22 | | | | | | | | PAG Synthetic Textile Oil |
| | 3832 | (32) | | | | | | | | Gas Turbine Oil |
| Aral (Germany) | PumpJack 150 | | | | | | | | | Pump Jack Oil |
| | Farolin DBT Synth | (17 cSt at 40C) | | | | | | | | Syn. Thermal oil |
| | Vitamol 4517 | (32) | | | | | | | | PAO Shock Absorber Oil |
| Becker | Premium Synthetic Oil | | | | PS-100 | | | | | Vacuum Pump Oil |
| BVA | Vac series | | Vac 32 | Vac 235 | Vac 68 | Vac 535 | | | | Vacuum Pump Oil |
| | PAO Vac series | 15 | 32 | 68 | 100 | | | | | PAO Vacuum Pump Oil |
| | AL | | AL 32 | AL 46 | AL 68 | | | | | Air Line Lube |
| Cam2 | Synthetic Heat Transfer Oil | | (68) | | | | | | | Heat Transfer Fluid |
| Castrol | Tribol | | | | | 290 | | | | Trolley Wheel Bearing Oil |
| Chevron | Clarity Synthetic Paper Machine Oil | | | | 100 | 150 | 220 | 320 | 460 | Paper Machine Oil |
| | Tegra Syn Barrier Fluid (ISO 15/20) | | | | | | | | | PAO Mechanical Seal Barrier Fluid |
| CITGO | Pacemaker ST | 32 | | | | | | | | PAO Gas Turbine |
| | Synthetic Heat Transfer Oil | | | 68 | | | | | | Heat Transfer Fluid |
| | CompKleen Synthetic Cleaner | | | (74 cSt at 40C) | | | | | | Compressor Cleaner |
| Cognis | Emgard Mist | | | | | 220 | | 460 | | Mist Oil |
| Conoco | Bio Syn Wire Rope Lubricant | 32 | | | | | | | | Biodegradable Wire Rope Lubricant |
| | SynXPA Bio-Syn Wire Rope Lubricant (ISO 32) | | | | | | | | | Ester Biodegradable Wire Rope Lubricant |

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| | Series Name | ISO 32 | ISO 46 | ISO 68 | ISO 100 | ISO 150 | ISO 220 | ISO 320 | ISO 460 | Remarks |
|-----------------------------|-----------------------------------------------|--------|--------------------------------------|----------------|----------|---------|---------|------------------|-----------|---------------------------------------------|
| Dow Chemical | Dowtherm A, G, J, HT, Q, RP, T | | | | | | | | | Heat Transfer Fluid |
| | Syltherm 800, XLT, HF | | | | | | | | | Silicone Heat Transfer Fluid |
| | Dowfrost | | | | | | | | | Glycol Heat Transfer Fluid |
| | Dowcal 10, 20, N | | | | | | | | | Glycol Heat Transfer Fluid |
| | UCON Calender Lubricant | | | | | | | 20, 35, 51, 51K* | | PAG Calender Lubricant, * all 4 very heavy |
| Dow Corning | UCON Heat Transfer Fluid 500 | | | 61 cSt at 100F | | | | | | Water Soluble PAG Heat Transfer |
| | UCON Heat Transfer Fluid 50-HB-260-Y3 | | | 56 cSt at 100F | | | | | | Water Soluble PAG Heat Transfer Fluid |
| | 561 Transformer Fluid | | | | | | | | | Silicone Transformer Oil |
| Dylon | LB-3159 | | | | | | | | | Bearing Lube |
| Eurol (Netherlands) | Sugar Glide Premium Journal Bearing Lubricant | | | | | | | | | Sugar Mill Lube |
| | Eurotherm ET | | | | | | | | | Heat Transfer Fluid |
| Exxon | Eurotherm ET | | | | | | | | | Heat Transfer Fluid |
| | Sawguide Bio SHP | | | | | | | | | Biodegradable Tacky EP Sawguide Oil |
| Hatco | Coolanol 20, 25R, 35R, OS-59, 45R | | | | | | | | | Ester Dielectric Heat Transfer Fluid |
| | Hatcol 5005 | | | | | | | | | POE Transformer/Dielectric Fluid |
| Industri-Lube | Hatco | | 3214 (25 cSt) | | | | | | | Turbine Lubricant, for rebranding only |
| | I-SVO | 15 | 32 | 46 | 68 | 100 | | | | Vacuum Pump Oil |
| Kaesar | I-SBO | | | | | | 220 | 320 | | Blower Oil |
| | Omega SB | | | | | | 150 | 220 | 320 | Blower Oil, PAO |
| Keystone | Kilfrost | | | 46 | | | | | | Airlines & Air Tools |
| Kluber | AIRPRESS | 15 | 32 | | 68 | | | | | |
| Lubcon (Germany) | Turmosol M 50 | | | | | | | | | for impregnated sintered bearings |
| Lubricants USA | Synpro Air Tool Oil | | 32 | | | | | | | PAO, Air Tools |
| | Synthetic Fluid 23699 | | | | | | | | | POE, Gas Turbine |
| Lubricating Specl. | Barrier Fluid 5 | | | | | | | | | PAO, Barrier Fluid |
| | Syn Heat Transfer Fluid | | (32) | | | | | | | PAO, Heat Transfer Fluid |
| Lubrication Engrs. | Synthetic Heat Transfer Fluid | | 32 | | | | | | | Heat Transfer Fluid |
| | 5180-5183 Pyroshield | | | | | | | | | EP Lead-Free Open Gear Lubricant |
| Mobil | 9000, 9001 Pyroshield Syn-Gear Lubricant | | | | | | | | | EP Open Gear Lubricant |
| | SHC PM | | | | | | 220 | 320 | 460 | PAO Paper Machine Oil |
| | SHC (800 series) | | 824 | 825 | | | | | | PAO Turbine Oil |
| Nye | Synturon 6 (ISO 5) | | | | | | | | | PAO Mechanical Barrier Seal Fluid |
| | NyeTorr | | | | | | | | | Vacuum Pump Oils |
| | Nyebar Type Q | | | | | | | | | Fluorocarbon Barrier Fluid |
| | 132B Synthetic Oil | ISO 15 | | | | | | | | PAO Impregnating Oil for Sintered Bearings |
| | 181B Synthetic Oil | | | | (60 cSt) | | | | | PAO Impregnating Oil for Sintered Bearings |
| | 188B Synthetic Oil | | | | | (110) | | | | PAO Impregnating Oil for Sintered Bearings |
| Pennzoil | 310B Synthetic Oil | | | | | | | | | PAO Impregnating Oil for Sintered Bearings |
| | 634B, 605, 590 Oil | | (range from 35 cSt to 54 cSt at 40C) | | | | | | (550 cSt) | Polyester Sintered Bearing Impregnating Oil |
| | Pennzane X2000 | | | | | | | | | Low Volatility PAO Vacuum Fluid |
| Petron (Philippines) | Gear Shield Synthetic | | | | | | | | | Open Gear Lube |
| Petronomics | | | 51110 | | 51114 | 51116 | | | | PAO Mist Oil |
| | | | 51240 | 51242 | | | | | | PAO Gas Turbine Oil |
| | | | | | | | 51245 | 51247 | 57220 | PAO Paper Machine Oil |
| | | | 51260 | 51262 | 51264 | | | | | PAO Heat Transfer Fluid |

| | Series Name | ISO 32 | ISO 46 | ISO 68 | ISO 100 | ISO 150 | ISO 220 | ISO 320 | ISO 460 | Remarks |
|----------------------------|-------------------------------------------------------------------------|--------|----------------|--------|---------|---------|-------------------------|---------|---------|-------------------------------------------------------------------------------------------------|
| Petronomics (cont') | | 51274 | 51274 53048 | 51276 | 51278 | | | | | PAO Vacuum Pump Oil POE Escalator Lube Silicone Compressor Oil Silicone Compressor Oil |
| | | 56490 | 56492 | 56494 | 56496 | 56498 | | | | Silicone Compressor Oil |
| | | 56500 | 56502 | 56504 | 56506 | 56508 | 56510 | 56512 | | Silicone Compressor Oil |
| | | 56520 | 56522 | 56524 | 56526 | 56528 | 56530 56656 56690 | 56532 | 56658 | PAO Mist Oil PAO Blower Lube PAO Marine Gas Turbine Oil |
| | | 58130 | | | | | | | | PAO Ail Line Oil |
| | | 58215 | | 51460 | | | | | | PAO Turbine Oil |
| Phillips | Syndustrial Turbine | 32 | | | | | | | | PAO Mechanical Seal Barrier Fluid |
| | Syndustrial Barrier Fluid (ISO 5) | | | | 100 | | | | | PAO Mist Oil |
| | Syndustrial Mist Oil | | | | | | | | | PAO Multipurpose Oil |
| Primrose | 788 Syn-O-Gen | 32 | 46-68 | | | | | | | Air Line Lubricant |
| PureLube | SYN-AL (22) | | | | | | | | | Ester Stationary Turbine Oil |
| Royal Lubricants | Royco 500 Turbine Oil | 32 | | | | | | | | PAO Vacuum Pump Oil |
| | Royco | 627 | | | | | | | | |
| Royal Purple | Synmist | 32 | 46 | 68 | 100 | 150 | 220 | 320 | 460 | Mist Oil |
| | Synthetic Transformer Oil | | | | | | | | | Transformer Oil |
| | Syn-way | 32 | | 68 | 100 | | 220 | | | Way & Slide Oil |
| | Acivac | | | | | | | | | Vacuum Pump Oil |
| | Barrier Fluid GT 22 | | | | | | | | | Mechanical Seal Barrier Fluid |
| Schaeffer | 281S Moly Pure Synthetic Heat Transfer Fluid (ISO 32) | | | | | | | | | PAO Heat Transfer Fluid |
| Shell | Torcula DE Fluid | 32 | | 68 | | | | | | Diester Mist Lubricant |
| | Barrier Fluid (ISO 5) | | | | | | | | | Mechanical Seal Barrier Fluid |
| SLFi | SBL-220 | | | | | | | | | Rotary Lobe Blower Lubricant |
| | HTF 32, 68, 100 | | | | | | | | | Heat Transfer Fluid |
| | SVAC 15, 32, 46, 68, 100 | | | | | | | | | Vacuum Pump Fluid |
| Solutia | Therminol VLT | | | | | | | | | Liquid Phase Heat Transfer Fluid |
| | Therminol D-12 (1 cSt at 40C) | | | | | | | | | Liquid Phase Heat Transfer Fluid |
| | Therminol LT (0.8 cSt at 40C) | | | | | | | | | Aromatic Heat Transfer Fluid |
| | Therminol 55 (19 cSt at 40C) | | | | | | | | | Heat Transfer Fluid |
| | Therminol 59 (4 cSt at 40C) | | | | | | | | | Heat Transfer Fluid |
| | Therminol VP-3 (2 cSt at 40C) | | | | | | | | | Vapor Phase Heat Transfer Fluid |
| | Therminol 75 | | | | | | | | | Heat Transfer Fluid |
| | Therminol VP-1 (2.5 cSt at 40C) | | | | | | | | | Vapor Phase Heat Transfer Fluid |
| | Therminol FF | | | | | | | | | Heat Transfer Flushing Fluid |
| Summit | SBL-220 | | | | | | 220 | | | PAO Blower Lubricant |
| | SHV- 15, 22 | 32 | | 68 | 100 | | | | | PAO Vacuum Pump Lubricant |
| | Syngard | 32 | | 68 | | | | | | PAO Airline Lubricant |
| | Synmist | 32 | 46 | 68 | 100 | | | | | Mist Oil |
| | Thermoyle 50 HT (ISO 5), 100HT (ISO 20), 200HT (ISO 32), 300HT (ISO 46) | | | | | | | | | PAO Heat Transfer Fluid |
| Supresta | Fyrquel GT | | | | | | | | | Phosphate Ester Gas Turbine Lube |
| Total | Preslia SE Jet ISO 25 | | | | | | | | | Industrial Gas Turbines |
| Tribology T-L | T-GPO | | | | 10/50 | 30/90 | | | | General Purpose Synthetic Oil |

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|----------------------------|---------------------------|-------------|--------|--------|-----------------------|---------|---------|---------|---------|------------------------------------------------------------|
| TS Moly Lubr. | CX-154 | | | | | | | | | for O-rings, gaskets, packing |
| | CX-162 | | | | | | | | | Air Line Oil |
| Tuthill (Kinney) | Tuthill S500 | | | | (100) | | | | | Diester Vacuum Pump Oil |
| | Kinney POE | | | 68 | | | | | | POE Vacuum Pump Oil |
| Ultrachem | Chemlube 10, 10E | ISO 10 | | | | | | | | High Speed Textile & Machine Tool Spindle and Air Tool Oil |
| | Chemlube 22, 22E | ISO 22 | | | | | | | | High Speed Textile & Machine Tool Spindle and Air Tool Oil |
| | Chemlube 46, 46E | ISO 46 | | | | | | | | High Speed Textile & Machine Tool Spindle and Air Tool Oil |
| | Pneu Mist 5075, 325 | ISO 32, 100 | | | | | | | | Airline Mist Lubricant |
| | Syntroil | 220 | | 330 | 440 (82 cSt at 100F) | | | | | Impregnating Oil for Sintered Bearings |
| | Syntroil | | | | 440G (82 cSt at 100F) | | | | | contains 0.3 to 0.5% Graphite |
| | Syntroil | | | | 550 (134 cSt at 100F) | | | | | Impregnating Oil for Sintered Bearings |
| Whitmore | Decathlon Gold | | | | | | | | | ISO 3200 Open Gear Lube Oil |
| Wunsch (Germany) | Syntholube CLP-TS PM | | | | | 150 | 220 | 320 | 460 | Paper Machine Oil |
| | Panolin HLP Synth 15 & 46 | | | | | | | | | Ester Hydraulic Oil |
| Zeller+Gmelin (Ger) | TEXTOL SYN 32 | | (32) | | | | | | | for circular knitting machines |
| | TEXTOL RLS | 15 | | 46 | 68 | | | | | traveller oil for sintered metal rings |

Notes, disclaimer, and copyright:

1. The intention of this study was to list only finished synthetic lubricants made from Group IV and Group V synthetic 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. LubriTec 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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Special Note:

The above is in no way intended to be an all-inclusive list, rather, it is only to show examples of "other" synthetic lubricants not contained within the previous charts.

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