

| | | Lubriplate Lubricants Newark, NJ www.lubriplate.com | Allegheny Petroleum Monroeville, PA www.oils.com | AMSOIL Industrial Superior, WI www.amsoilindustrial.com | Assialub Querétaro, México www.assialub.com.mx | Bel-Ray Co. Indianapolis, IN www.belray.com |
|--|--------------------------------|---|--|---|--|---|
| General Purpose Lubricant | | | | | | |
| ISO Viscosity Grade | Viscosity, SUS at 100 F |  | | | | |
| 32 | 135-165 | HO-0 | Altrapar 32 | Industrial Multi-Purpose Oil | - | No-Tox HD Food Grade Oil 32 |
| 46 | 194-236 | HO-1 | Altrapar 46 | | - | No-Tox HD Food Grade Oil 46 |
| 68 | 284-346 | HO-2 | Altrapar 68 | Synthetic Industrial Gear and Circulating Oil | - | No-Tox HD Food Grade Oil 68 |
| 150 | 630-770 | HO-3 | Altrapar 150 | | - | No-Tox HD Food Grade Oil 150 |
| 220 | 900-1100 | HO-4 | Altrapar 220 | | - | No-Tox HD Food Grade Oil 220 |
| 460 | 1935-2365 | HO-6 | Altrapar 460 | | - | No-Tox HD Food Grade Oil 460 |
| Antiwear Hydraulic Oil | | | | | | |
| 32 | 135-165 | HO-0 | Altra AW 32 | Synthetic Zinc-Free Hydraulic Oil | Assia Hyd vhw 32 | Premium AW 32 |
| 46 | 194-236 | HO-1 | Altra AW 46 | | Assia Hyd vhw 46 | Premium AW 46 |
| 68 | 284-346 | HO-2 | Altra AW 68 | | Assia Hyd vhw 68 | Premium AW 68 |
| Spindle Oil | | | | | | |
| 2 | 29-35 | GG Oil | Altra Spindle Oil 2 | - | Assia spin 2 | - |
| 10 | 54-66 | No. 0 | Altra Spindle Oil 10 | - | Assia spin 10 | - |
| 22 | 95-115 | No. 1 | Altra Spindle Oil 22 | - | Assia spin 22 | - |
| Way Oil | | | | | | |
| 32 | 135-165 | 10R | Altra Waylube 32 | - | Assia G 32 | - |
| 68 | 284-346 | Way Lube 68 | Altra Waylube 68 | - | Assia G 68 | - |
| 220 | 900-1100 | SPO-255 | Altra Waylube 220 | - | Assia G 220 | - |
| Extreme Pressure Gear Oil | | | | | | |
| 68 | 284-346 | APG-80 | Altra EP Gear Oil 68 | Synthetic Industrial EP Gear Oil | Assia Gear 68 | - |
| 150 | 630-770 | Kline Gear 80W-90 | Altra EP Gear Oil 150 | Synthetic Power Transmission EP Gear Oil | Assia Gear 150 | 100 Gear Oil Extreme Pressure 150 |
| 320 | 135-1650 | APG 80W-140 | Altra EP Gear Oil 320 | | Assia Gear 320 | 100 Gear Oil Extreme Pressure 320 |
| Worm Gear Oil | | | | | | |
| 460 | 1935-2365 | SPO-277 | Altra SCO 460 | PAG Industrial Gear Oil | A-460-SP | - |
| Cling Type Gear Shield | - | Gear Shield Extra Heavy | - | - | - | Molyube Gear Tac Tacky Open Gear Lubricant |
| General Purpose Extreme Pressure Lithium Base Grease | NLGI 2 | No. 1242 | Altra Rugged Red EP 2 | Synthetic Multi-Purpose Grease | Assia CL 2 | - |
| MolyBdenum Disulfide Extreme Pressure Grease | NLGI 2 | No. 3000 | Altra LCM EP 2 | Synthetic Poly Meric Off-Road Grease | Assia CL 2 M | Molyube Multipurpose EP Grease |
| H1 Grease | - | FGL-2 | - | X-Treme Synthetic Food Grade Grease | Assia AI H1 | No-Tox Food Grade Clear Grease 2 |
| H1 Fluid | - | FMO-350AW | - | Synthetic Food Grade Compressor Oil | Assia FG | No-Tox HD Food Grade Oil |
| General Purpose Synthetic Fluid | - | SynLube 68 | - | Synthetic Industrial Gear and Circulating Oil | Assia S | No-Tox Syntra Food Grade Syn Oil |

| | | Benz Oil Milwaukee, WI www.benz.com | Castrol / BP Lubricants USA Wayne, NJ www.castrol.com | CITGO Petroleum Corp. Houston, TX www.citgo.com | G&G Oil Co. Muncie, IN www.ggoil.com | HUSKEY Specialty Lubricants Norco, CA www.huskey.com | | International Chemical Co. Philadelphia, PA www.e-icc.com | New Age Chemical Delafield, WI www.newagechemical.com | HF Sinclair Corp. Richmond Hill, ON www.hollyfrontier.com | Petro-Canada Lubricants Mississauga, ON https://lubricants.petro-canada.com | PetroChoice Wichita, KS www.petrochoice.com | Puma Energy International Geneva, Switzerland www.pumaenergy.com |
|--|-------------------------|--|--|--|---|---|--|--|--|--|---|--|---|
| General Purpose Lubricant | | | | | | | | | | | | | |
| ISO Viscosity Grade | Viscosity, SUS at 100 F | | | | | | | | | | | | |
| 32 | 135-165 | Hycirc R&O 32 | Hyspin VG 32 | CITGO Pacemaker 32 | G&G Royal R&O 32 | HLO Series ISO 32 | | - | PB R/O Hydraulic Oil 32 | - | Synduro SHB 32 | HD Turbine, Supro R&O | Puma Turbine Oil 32 |
| 46 | 194-236 | Hycirc R&O 46 | Hyspin VG 46 | CITGO Pacemaker 46 | G&G Royal R&O 46 | HLO Series ISO 46 | | - | PB R/O Hydraulic Oil 46 | - | Synduro SHB 46 | | Puma Turbine Oil 46 |
| 68 | 284-346 | Hycirc R&O 68 | Hyspin VG 68 | CITGO Pacemaker 68 | G&G Royal R&O 68 | HLO Series ISO 68 | | - | PB R/O Hydraulic Oil 64 | - | Synduro SHB 68 | | Puma Turbine Oil 68 |
| 150 | 630-770 | Hycirc R&O 150 | Hyspin VG 1500 | CITGO Pacemaker 150 | G&G Royal R&O 150 | HLO Series ISO 150 | | - | PB R/O Hydraulic Oil 150 | - | Synduro SHB 150 | ROC Oil, Supro R&O | Puma Turbine Oil 150 |
| 220 | 900-1100 | Hycirc R&O 220 | Hyspin VG 220 | CITGO Pacemaker 220 | G&G Royal R&O 220 | HLO Series ISO 220 | | - | - | - | Synduro SHB 220 | | Puma Industrial Gear Oil 220 |
| 460 | 1935-2365 | - | Magna CTX WT 460 | CITGO Pacemaker 460 | G&G Royal R&O 460 | HLO Series ISO 460 | | - | - | - | Synduro SHB 460 | | Puma Industrial Gear Oil 460 |
| Antiwear Hydraulic Oil | | | | | | | | | | | | | |
| 32 | 135-165 | Petraulic 32 | Hyspin AWS 32 | CITGO HyDurance AW 32 | G&G Royal Hydraulic 32 | HLO Series ISO 32 | | Zurnpreem 15A | PB Hydraulic Oil 32 | Hydrex AW 32 | Hydrex AW 32, Hydrex MV 32, Hydrex Extreme, Environ AW 32, Environ MV 32, Environ MV R 32, Purity FG AW Hydraulic Fluid 32, Purity FG AW Hydraulic Fluid with Microl 32 | Cursa, Hydra, ECO Ultra, Priority | Puma Hydraulic Oil AW 32 |
| 46 | 194-236 | Petraulic 46 | Hyspin AWS 46 | CITGO HyDurance AW 46 | G&G Royal Hydraulic 46 | HLO Series ISO 46 | | Zurnpreem 21A | PB Hydraulic Oil 46 | Hydrex AW 46 | Hydrex AW 46, Hydrex MV 46, Hydrex XV All Season, Hydrex DT, Environ AW 46, Environ MV 46, Environ MV R 46, Purity FG AW Hydraulic Fluid 46, Purity FG AW Hydraulic Fluid with Microl 46, Purity FG-X Hydraulic Fluid 46 with SynFX, Purity FG Synthetic Fluid 46 | | Puma Hydraulic Oil AW 46 |
| 68 | 284-346 | Petraulic 68 | Hyspin AWS 68 | CITGO HyDurance AW 68 | G&G Royal Hydraulic 68 | HLO Series ISO 46 | | Zurnpreem 30A | PB Hydraulic Oil 68 | Hydrex AW 68 | Hydrex AW 68, Hydrex MV 68, Environ AW 68, Purity FG AW Hydraulic Fluid 68, Purity FG AW Hydraulic Fluid with Microl 68 | | Puma Hydraulic Oil AW 68 |
| Spindle Oil | | | | | | | | | | | | | |
| 2 | 29-35 | Petraspeed 3 | Hyspin Spindle Oil 2 | Mystik Twin Disc Fluid | G&G Royal Spindle 2 | - | | Zurnpreem 3A | PB Spindle 2 | - | - | Superspin | - |
| 10 | 54-66 | Petraspeed 10 | Hyspin Spindle Oil 10 | CITGO Diamond Oil 12 | G&G Royal Spindle 10 | Sindle Oil, ISO 10 | | Zurnpreem 6A | PB Spindle 10 | - | - | Superspin, Spindle Oil | - |
| 22 | 95-115 | Petraspeed 22 | Hyspin Spindle Oil 22 | CITGO Diamond Oil 20 | G&G Royal Spindle 22 | Sindle Oil, ISO 22 | | Zurnpreem 10A | PB Spindle 22 | - | - | | - |
| Way Oil | | | | | | | | | | | | | |
| 32 | 135-165 | Way Lube 32 | Magna SW D 32 | CITGO SlideRite 32 | G&G Waylube 32 | - | | Zurn Waylube 1 | RiteWay 32 | - | - | Slideway Coolslide | - |
| 68 | 284-346 | Way Lube 68 | Magna SW D 68 | CITGO SlideRite 68 | G&G Waylube 68 | - | | Zurn Waylube 80-NE | RiteWay 68 | Accuflo TK 68 | Accuflo TK 68, PC Waylube 68 | | - |
| 220 | 900-1100 | Way Lube 220 | Magna SW D 220 | CITGO SlideRite 220 | G&G Waylube 220 | - | | Zurn Waylube 90 | RiteWay 220 | Accuflo TK 220 | Accuflo TK 220 | | - |
| Extreme Pressure Gear Oil | | | | | | | | | | | | | |
| 68 | 284-346 | Gearol 68 | Alpha SP 68 | CITGO EP Compound 68 | G&G Industrial Gear Oil 68 | Enclosed Gear Oil ISO 68 | | Zurn EP Lube 35 | PB EP Gear Oil 68 | Enduratex EP 68 | Enduratex EP 68 | Mizar, Sirius, Superear EP | Puma Industrial Gear Oil 68 |
| 150 | 630-770 | Gearol 150 | Alpha SP 150 | CITGO EP Compound 150 | G&G Industrial Gear Oil 150 | Enclosed Gear Oil ISO 150 | | Zurn EP Lube 70 | PB EP Gear Oil 150 | Enduratex EP 150 | Enduratex EP 150, Enduratex Synthetic EP 150, Purity FG EP Gear Fluid 150 | | Puma Industrial Gear Oil 150 |
| 320 | 135-1650 | Gearol 320 | Alpha SP 320 | CITGO EP Compound 320 | G&G Industrial Gear Oil 320 | Enclosed Gear Oil ISO 320 | | Zurn EP Lube 120 | PB EP Gear Oil 320 | Enduratex EP 320 | Enduratex EP 320, Enduratex Synthetic EP 320, Purity FG EP Gear Fluid 320 | | Puma Industrial Gear Oil 320 |
| Worm Gear Oil | | | | | | | | | | | | | |
| 460 | 1935-2365 | Gearol 7 COMP | OptiGear Synthetic 800 | - | G&G Steam Cylinder 460 | Enclosed Gear Oil ISO 460 | | Zurn EP Lube 150 | PB Worm Gear Oil 460 | Enduratex WG Mild 460 | Enduratex WG 460 | - | Puma PAG Synthetic Gear Oil 460 |
| Cling Type Gear Shield | - | - | Molub-Alloy OG 936 SF Heavy | - | - | Open Gear Grease | | - | - | Vultrex Gear Shield NC | Vultrex Gearshield NC, Vultrex OGL Synthetic All Season 680, Vultrex OGL Synthetic 2200, Vultrex OGL Heavy 6200 | - | Puma Protego OGL |
| General Purpose Extreme Pressure Lithium Base Grease | NLGI 2 | Multi Service EP #2 | Tribol GR 100 PD-2, Spheerol EPL 2 | - | G&G LC EP 2 | COOLPLEX Grease | | - | HV LC EP2 HT | Precision XL EP 2 | Precision General Purpose EP2, Precision XL EP2, Precision Synthetic 220 | Ultra Blue #2 | Puma Supreme BRB-220-2 EP |
| Molybdenum Disulfide Extreme Pressure Grease | NLGI 2 | - | Molub-Alloy 860/220-2 ES | - | G&G Moly EP 2 | MOLYPLEX Grease | | - | CS 2150 HP | Precision XL 5 Moly EP 2 | Precision XL 3 Moly EP2, Precision XL 5 Moly EP2, Peerless 3 Moly 322 | 500+ with Moly #2 | Puma Supreme SLS-460-2 EP |
| HI Grease | - | - | Optileb GR 823-0, Optileb GR 832-1, Optileb GR 823-2 | - | - | HTL-500 Grease | | - | - | Purity FG 00,1,2 | Purity FG00, Purity FG1, Purity FG2, Purity FG2 with Microl Max, Purity FG2 Extreme, Purity FG2 Clear, Purity FG2 Synthetic, Purity FG2 Synthetic Heavy 220, Purity FG2 Multipurpose | - | - |
| H1 Fluid | - | - | Optileb GT 220 | - | - | HI-LO Oil | | - | - | Purity FG Fluids | - | - | - |
| General Purpose Synthetic Fluid | - | - | Alphasyn T 100/150/220/320/460 | - | - | SGL-800 Series Oils | | - | PB SHC 68 | Synduro SHB series | - | - | - |

LUBRICATION GUIDE

MACHINE AND COMPRESSOR LUBRICANTS

| | | QA Lubricants Santa Fe Springs, CA www.qalube.com | Quaker Houghton Conshohocken, PA www.quakerhoughton.com | Repsol Madrid, Spain www.repsol.com | ROCOL, ITW Ltd. Leeds, West Yorkshire www.rocol.com | Royal Purple Porter, TX www.royalpurple.com | Schaeffer Manufacturing Co. St. Louis, MO www.schaefferoil.com |
|--|-------------------------|--|--|--|--|--|--|
| General Purpose Lubricant | | | | | | | |
| ISO Viscosity Grade | Viscosity, SUS at 100 F | | | | | | |
| 32 | 135-165 | General Machine Oil 32 | - | Maker Aries 32 | Sapphire Hi Power 32 | Synfilm 32 | 112 HTC Oil ISO 32, 254 HTC Supreme ISO 32 |
| 46 | 194-236 | General Machine Oil 46 | - | Maker Aries 46 | Sapphire Hi Power 46 | Synfilm 46 | 112 HTC Oil ISO 46, 254 HTC Supreme ISO 46 |
| 68 | 284-346 | General Machine Oil 68 | Quaker Houghton HEP Gear Oil 68 | Maker Aries 68 | Sapphire Hi Power 68 | Synfilm 68 | 112 HTC Oil ISO 68, 254 HTC Supreme ISO 68 |
| 150 | 630-770 | General Machine Oil 150 | Quaker Houghton HEP Gear Oil 150 | Maker Aries 150 | Sapphire Hi Torque 150 | Synfilm 150 | 112 HTC Oil ISO 150, 254 HTC Supreme ISO 150 |
| 220 | 900-1100 | General Machine Oil 220 | Quaker Houghton HEP Gear Oil 220 | Maker Aries 220 | Sapphire Hi Torque 220 | Synfilm GT 220 | 112 HTC Oil ISO 220, 254 HTC Supreme ISO 220 |
| 460 | 1935-2365 | General Machine Oil 460 | Quaker Houghton HEP Gear Oil 460 | Maker Aries 460 | Sapphire Hi Torque 460 | Synfilm GT 460 | 112 HTC Oil ISO 460 |
| Antiwear Hydraulic Oil | | | | | | | |
| 32 | 135-165 | Premium AW Hydraulic 32 | Quaker Houghton AW Hydraulic Oil 32 | Maker Telex E 32 | Sapphire Hi Power 32 | Synraulic 32 | 112 HTC Oil ISO 32, 254 HTC Supreme ISO 32 |
| 46 | 194-236 | Premium AW Hydraulic 46 | Quaker Houghton AW Hydraulic Oil 46 | Maker Telex E 46 | Sapphire Hi Power 46 | Synraulic 46 | 112 HTC Oil ISO 46, 254 HTC Supreme ISO 46 |
| 68 | 284-346 | Premium AW Hydraulic 68 | Quaker Houghton AW Hydraulic Oil 68 | Maker Telex E 68 | Sapphire Hi Power 68 | Synraulic 68 | 112 HTC Oil ISO 68, 254 HTC Supreme ISO 68 |
| Spindle Oil | | | | | | | |
| 2 | 29-35 | Premium Spindle 2 | | Maker Telex E 5 | - | - | - |
| 10 | 54-66 | Premium Spindle 10 | Quaker Houghton Spindle Oil 10 | Maker Telex E 10 | Ultraspin 10 | - | 324 Spindle Oil ISO 10 |
| 22 | 95-115 | Premium Spindle 22 | Quaker Houghton Spindle Oil 22 | Maker Telex E 22 | - | - | 324 Spindle Oil ISO 22 |
| Way Oil | | | | | | | |
| 32 | 135-165 | Premium Way Oil 1 | Proway 1 | Maker Zeus Slide-way 32 | - | - | 160 Moly Slide and Way Lube ISO 32 |
| 68 | 284-346 | Premium Way Oil 2 | Proway 2 | Maker Zeus Slide-way 68 | Ultraglide X5 | - | 160 Moly Slide and Way Lube ISO 68 |
| 220 | 900-1100 | Premium Way Oil 4 | Proway 4 | Maker Zeus Slide-way 220 | - | - | 160 Moly Slide and Way Lube ISO 220 |
| Extreme Pressure Gear Oil | | | | | | | |
| 68 | 284-346 | Premium EP 68 | Quaker Houghton HEP 68 | Maker Super Tauro 68 | - | - | 203B EP Industrial Machine Lube w/Soluble Moly w/Tack ISO 68, 203C EP Industrial Machine Lube w/Soluble Moly No Tack ISO 68 |
| 150 | 630-770 | Premium EP 150 | Quaker Houghton HEP 150 | Maker Super Tauro 150 | Sapphire Hi Torque 150 | Synergy 150 | 203B EP Industrial Machine Lube w/Soluble Moly w/Tack ISO 150, 203C EP Industrial Machine Lube w/Soluble Moly No Tack ISO 150, 293 Supreme Gear Lube ISO 150, 293A Supreme Gear Lube No Tack ISO 150 |
| 320 | 135-1650 | Premium EP 320 | Quaker Houghton HEP 320 | Maker Super Tauro 320 | Sapphire Hi Torque 320 | Synergy 320 | 294 Supreme Gear Lube ISO 320, 294A Supreme Gear Lube No Tack ISO 320, 167 Moly Full Synthetic Gear Lube ISO 320 |
| Worm Gear Oil | | | | | | | |
| 460 | 1935-2365 | Steam Cylinder 85 WA | Quaker Houghton HEP 460 | Maker Super Tauro460 | Sapphire Hi Torque 460 | Thermyl-Glyde Worm Gear 460 | 147 Steam Cylinder Oil |
| Cling Type Gear Shield | - | Multipurpose EP 320 | Quaker Houghton 460T | - | Tuflube Allweather | - | 200S Silver Streak Special Open Gear Lube |
| General Purpose Extreme Pressure Lithium Base Grease | NLGI 2 | Q-Lith 220 EP 2 | Quakertek LX 4602-EP | Protector Lithium MP R2 V150 | Sapphire Advance | - | 221 Moly Ultra NLGI #2, 274 Moly EP Synthetic Plus NLGI #2, 219 SynForce Green NLGI #2, 238 Ultra Supreme NLGI #2, 229 Ultra Red Supreme NLGI #2 |
| MolyBdenum Disulfide Extreme Pressure Grease | NLGI 2 | Moly Lith #2 | Quakertek LX 4602-EP3M | Protector Lithium Complex MolyB R2 V320 | Sapphire Hi Load 2 | - | 221 Moly Ultra NLGI #2, 274 Moly EP Synthetic Plus NLGI #2, 274M2 EP Synthetic Plus Grease Extra Moly NLGI #2, 238 Ultra Supreme NLGI #2 |
| HI Grease | - | Alumplex FM #2 | Quakertek AXFG 2202 | Protector FG Aluminum Complex R2 V150 | Foodlube Premier 1 | - | 195 Supertac Food Grade Grease H1 NLGI 2, 271 Synthetic Food Grade Grease H1 NLGI 2, 272 No Tac Synthetic Food Grade Grease H1 NLGI 2, 1031 Ultra Food Grade Grease H1 NLGI 2 |
| H1 Fluid | - | FM 46 | - | Maker FG Gear Synth 220 | Foodlube Hi Power / Hi Torque | Poly-Guard FDA | 280 Food Grade HTC H1, 269 Hydraulic Oil H1, 276 Synthetic Food Grade Gear Lube H1 |
| General Purpose Synthetic Fluid | - | Primus AW 46 | - | Maker Super Tauro Synth 220 | - | Synfilm GT | 264 Pure Synthetic Hydraulic Oil |

| | | Lubriplate Lubricants Newark, NJ www.lubriplate.com | Allegheny Petroleum Monroeville, PA www.oils.com | AMSOIL Industrial Superior, WI www.amsoilindustrial.com | Assialub Querétaro, México www.assialub.com.mx | Bel-Ray Co. Indianapolis, IN www.belray.com | Benz Oil Milwaukee, WI www.benz.com |
|--|-------------------------|--|---|--|---|--|--|
| Worm Gear Oil | | | | | | | |
| ISO Viscosity Grade | Viscosity, SUS at 100 F | | | | | | |
| 460 | 1935-2365 | SPO-277 | Altra SCO 460 | PAG Industrial Gear Oil | A-460-SP | - | Gearol 7 COMP |
| Cling Type Gear Shield | - | Gear Shield Extra Heavy | - | - | - | Molyube Gear Tac Tacky Open Gear Lubricant | - |
| General Purpose Extreme Pressure Lithium Base Grease | NLGI 2 | No. 1242 | Altra Rugged Red EP 2 | Synthetic Multi-Purpose Grease | Assia CL 2 | - | Multi Service EP #2 |
| Molybdenum Disulfide Extreme Pressure Grease | NLGI 2 | No. 3000 | Altra LCM EP 2 | Synthetic Poly Meric Off-Road Grease | Assia CL 2 M | Molyube Multipurpose EP Grease | - |
| HI Grease | - | FGL-2 | - | X-Treme Synthetic Food Grade Grease | Assia AI H1 | No-Tox Food Grade Clear Grease 2 | - |
| H1 Fluid | - | FMO-350AW | - | Synthetic Food Grade Compressor Oil | Assia FG | No-Tox HD Food Grade Oil | - |
| General Purpose Synthetic Fluid | - | SynLube 68 | - | Synthetic Industrial Gear and Circulating Oil | Assia S | No-Tox Syntra Food Grade Syn Oil | - |
| Polyalphaolefin (PAO) Compressor Oil | | | | | | | |
| 32 | 140 | Syn Lube 32 | Altra PAO Compressor 32 | PAO Rotary Compressor Oil | ACO 32 | No-Tox Syntra Food Grade Syn Oil 32 | Syncom PAO 32 |
| 46 | 134 | Syn Lube 46 | Altra PAO Compressor 46 | - | ACO 46 | No-Tox Syntra Food Grade Syn Oil 46 | Syncom PAO 46 |
| 68 | 139 | Syn Lube 68 | Altra PAO Compressor 68 | - | ACO 68 | No-Tox Syntra Food Grade Syn Oil 68 | Syncom PAO 68 |
| 100 | 150 | Syn Lube 100 | Altra PAO Compressor 100 | - | ACO 100 | No-Tox Syntra Food Grade Syn Oil 100 | Syncom PAO 100 |
| 150 | 131 | Syn Lube 150 | Altra PAO Compressor 150 | - | ACO 150 | No-Tox Syntra Food Grade Syn Oil 150 | - |
| Partial Synthetic Compressor Oil | | | | | | | |
| 32 | 146 | - | Altra HC Compressor 32 | Synthetic Compressor Oil | ACO 32 SP | - | - |
| 46 | 145 | - | Altra HC Compressor 46 | - | ACO 46 SP | - | - |
| 68 | 87 | - | Altra HC Compressor 68 | - | ACO 68 SP | - | - |
| 100 | 99 | - | Altra HC Compressor 100 | - | ACO 100 SP | - | - |
| 150 | 105 | - | Altra HC Compressor 150 | - | ACO 150 SP | - | - |
| 220 | 105 | - | Altra HC Compressor 220 | - | ACO 220 SP | - | - |
| Centrifugal Compressor Oil | | | | | | | |
| 32 | 127 | - | - | Synthetic Rotary Compressor Oil | ACO 32 C | No-Tox HD Food Grade Oil 32 | - |
| 46 | 136 | - | - | - | ACO 46 C | No-Tox HD Food Grade Oil 46 | - |
| 150 | 120 | - | - | Synthetic Industrial Gear and Circulating Oil | ACO 150 C | No-Tox HD Food Grade Oil 150 | - |
| 320 | 160 | - | - | - | ACO 320 C | No-Tox HD Food Grade Oil 320 | - |

| | | Castrol / BP Lubricants USA Wayne, NJ www.castrol.com | CITGO Petroleum Corp. Houston, TX www.citgo.com | G&G Oil Co. Muncie, IN www.ggoil.com | HUSKEY Specialty Lubricants Norco, CA www.huskey.com | International Chemical Co. Philadelphia, PA www.e-icc.com | New Age Chemical Delafield, WI www.newagechemical.com |
|--|-------------------------|--|--|---|---|--|--|
| Worm Gear Oil | | | | | | | |
| ISO Viscosity Grade | Viscosity, SUS at 100 F | | | | | | |
| 460 | 1935-2365 | OptiGear Synthetic 800 | - | G&G Steam Cylinder 460 | Enclosed Gear Oil ISO 460 | Zurn EP Lube 150 | PB Worm Gear Oil 460 |
| Cling Type Gear Shield | - | Molub-Alloy OG 936 SF Heavy | - | - | Open Gear Grease | - | - |
| General Purpose Extreme Pressure Lithium Base Grease | NLGI 2 | Tribol GR 100 PD-2, Spherol EPL 2 | - | G&G LC EP 2 | COOLPLEX Grease | - | HV LC EP2 HT |
| Molybdenum Disulfide Extreme Pressure Grease | NLGI 2 | Molub-Alloy 860/220-2 ES | - | G&G Moly EP 2 | MOLYPLEX Grease | - | CS 2150 HP |
| HI Grease | - | Optileb GR 823-0, Optileb GR 832-1, Optileb GR 823-2 | - | - | HTL-500 Grease | - | - |
| H1 Fluid | - | Optileb GT 220 | - | - | HI-LO Oil | - | - |
| General Purpose Synthetic Fluid | - | Alphasyn T 100/150/220/320/460 | - | - | SGL-800 Series Oils | - | PB SHC 68 |
| Polyalphaolefin (PAO) Compressor Oil | | | | | | | |
| 32 | 140 | Aircol SR 32 | CITGO CompressorGard PAO 32 | - | HI-LO Series ISO 32 | Zurnsyn H 32 | - |
| 46 | 134 | Aircol SR 46 | CITGO CompressorGard PAO 46 | G&G Royal Syn GBC PAO 46 | HI-LO Series ISO 46 | Zurnsyn H 46 | PB Syn Comp 46 |
| 68 | 139 | Aircol SR 68 | CITGO CompressorGard PAO 68 | - | HI-LO Series ISO 68 | Zurnsyn H 68 | PB Syn Comp 68 |
| 100 | 150 | Aircol SR 100 | CITGO CompressorGard PAO 100 | - | HI-LO Series ISO 100 | Zurnsyn H 100 | - |
| 150 | 131 | - | CITGO CompressorGard PAO 150 | - | HI-LO Series ISO 150 | Zurnsyn H 150 | - |
| Partial Synthetic Compressor Oil | | | | | | | |
| 32 | 146 | - | - | - | - | - | - |
| 46 | 145 | - | - | - | - | - | - |
| 68 | 87 | - | CITGO CompressorGard PS 68 | - | - | - | - |
| 100 | 99 | - | CITGO CompressorGard SS 100 | - | - | - | - |
| 150 | 105 | - | CITGO CompressorGard SS 150 | - | - | - | - |
| 220 | 105 | - | - | - | - | - | - |
| Centrifugal Compressor Oil | | | | | | | |
| 32 | 127 | Tribol HM 943 / 32 | CompressorGard PAO 32 | - | N-500 Series Oil, ISO 32 | - | - |
| 46 | 136 | Tribol HM 943 / 46 | CompressorGard PAO 46 | - | N-500 Series Oil, ISO 46 | - | - |
| 150 | 120 | - | CompressorGard PAO 150 | - | N-500 Series Oil, ISO 150 | - | - |
| 320 | 160 | - | - | - | - | - | - |

LUBRICATION GUIDE

COMPRESSOR LUBRICANTS

| | | HF Sinclair Corp. Richmond Hill, ON www.hollyfrontier.com | Petro-Canada Lubricants Mississauga, ON https://lubricants.petro-canada.com | PetroChoice Wichita, KS www.petrochoice.com | Puma Energy International Geneva, Switzerland www.pumaenergy.com | QA Lubricants Santa Fe Springs, CA www.qalube.com |
|--|-------------------------|--|--|--|---|--|
| Worm Gear Oil | | | | | | |
| ISO Viscosity Grade | Viscosity, SUS at 100 F | | | | | |
| 460 | 1935-2365 | Enduratex WG Mild 460 | Enduratex WG 460 | - | Puma PAG Synthetic Gear Oil 460 | Steam Cylinder 85 WA |
| Cling Type Gear Shield | - | Vutrex Gear Shield NC | Vultrex Gearshield NC, Vultrex OGL Synthetic All Season 680, Vultrex OGL Synthetic 2200, Vultrex OGL Heavy 6200 | - | Puma Protego OGL | Multipurpose EP 320 |
| General Purpose Extreme Pressure Lithium Base Grease | NLGI 2 | Precision XL EP 2 | Precision General Purpose EP2, Precision XL EP2, Precision Synthetic 220 | Ultra Blue #2 | Puma Supreme BRB-220-2 EP | Q-Lith 220 EP 2 |
| MolyBdenum Disulfide Extreme Pressure Grease | NLGI 2 | Precision XL 5 Moly EP 2 | Precision XL 3 Moly EP2, Precision XL 5 Moly EP2, Peerless 3 Moly 322 | 500+ with Moly #2 | Puma Supreme SLS-460-2 EP | Moly Lith #2 |
| HI Grease | - | Purity FG 00,1,2 | Purity FG00, Purity FG1, Purity FG2, Purity FG2 with Microl Max, Purity FG2 Extreme, Purity FG2 Clear, Purity FG2 Synthetic, Purity FG2 Synthetic Heavy 220, Purity FG2 Multipurpose | - | - | Alumplex FM #2 |
| H1 Fluid | - | Purity FG Fluids | - | - | - | FM 46 |
| General Purpose Synthetic Fluid | - | Synduro SHB series | - | - | - | Primus AW 46 |
| Polyalphaolefin (PAO) Compressor Oil | | | | | | |
| 32 | 140 | Synduro SHB 32 | - | Synzol CO | Puma Synthetic Compressor Oil 32 | UCBO Compressor Oil 32 |
| 46 | 134 | Synduro SHB 46 | Purity FG Synthetic Fluid 46 | - | Puma Synthetic Compressor Oil 46 | UCBO Compressor Oil 46 |
| 68 | 139 | Synduro SHB 68 | - | - | Puma Synthetic Compressor Oil 68 | UCBO Compressor Oil 68 |
| 100 | 150 | Synduro SHB 100 | Purity FG Synthetic Fluid 100 | - | - | UCBO Compressor Oil 100 |
| 150 | 131 | Synduro SHB150 | - | Synzol ROC | - | UCBO Compressor Oil 150 |
| Partial Synthetic Compressor Oil | | | | | | |
| 32 | 146 | Compro XL-S 32 | - | Synzol CO | - | Synthetic Compressor Oil 32 |
| 46 | 145 | Compro XL-S 46 | - | - | - | Synthetic Compressor Oil 46 |
| 68 | 87 | Compro XL-S 68 | - | - | - | Synthetic Compressor Oil 68 |
| 100 | 99 | Compro XL-S 100 | - | - | - | Synthetic Compressor Oil 100 |
| 150 | 105 | Compro XL-S150 | - | Synzol ROC | - | Synthetic Compressor Oil 150 |
| 220 | 105 | Synduro SHB 220 | - | - | - | Synthetic Compressor Oil 220 |
| Centrifugal Compressor Oil | | | | | | |
| 32 | 127 | Compro 32 | Compro 32, Compro XL-S 32, Compro E 32 | Synzol CO | - | Compressor Oil 32 |
| 46 | 136 | Compro XL-S 46 | Compro XL-S 46, Compro E 46 | - | - | Compressor Oil 46 |
| 150 | 120 | Compro XL-S 150 | - | Synzol ROC | - | Compressor Oil 150 |
| 320 | 160 | Synduro SHB 320 | - | - | - | Compressor Oil 320 |

| | | Quaker Houghton Conshohocken, PA www.quakerhoughton.com | Repsol Madrid, Spain www.repsol.com | ROCOL, ITW Ltd. Leeds, West Yorkshire www.rocol.com | Royal Purple Porter, TX www.royalpurple.com | Schaeffer Manufacturing Co. St. Louis, MO www.schaefferoil.com |
|--|-------------------------|--|--|--|--|---|
| Worm Gear Oil | | | | | | |
| ISO Viscosity Grade | Viscosity, SUS at 100 F | | | | | |
| 460 | 1935-2365 | Quaker Houghton HEP 460 | Maker Super Tauro460 | Sapphire Hi Torque 460 | Thermyl-Glyde Worm Gear 460 | 147 Steam Cylinder Oil |
| Cling Type Gear Shield | - | Quaker Houghton 460T | - | Tufube Allweather | - | 200S Silver Streak Special Open Gear Lube |
| General Purpose Extreme Pressure Lithium Base Grease | NLGI 2 | Quakertek LX 4602-EP | Protector Lithium MP R2 V150 | Sapphire Advance | - | 221 Moly Ultra NLGI #2, 274 Moly EP Synthetic Plus NLGI #2, 219 SynForce Green NLGI #2, 238 Ultra Supreme NLGI #2, 229 Ultra Red Supreme NLGI #2 |
| MolyBdenum Disulfide Extreme Pressure Grease | NLGI 2 | Quakertek LX 4602-EP3M | Protector Lithium Complex MolyB R2 V320 | Sapphire Hi Load 2 | - | 221 Moly Ultra NLGI #2, 274 Moly EP Synthetic Plus NLGI #2, 274M2 EP Synthetic Plus Grease Extra Moly NLGI #2, 238 Ultra Supreme NLGI #2 |
| HI Grease | - | Quakertek AXFG 2202 | Protector FG Aluminum Complex R2 V150 | Foodlube Premier 1 | - | 195 Supertac Food Grade Grease H1 NLGI 2, 271 Synthetic Food Grade Grease H1 NLGI 2, 272 No Tac Synthetic Food Grade Grease H1 NLGI 2, 1031 Ultra Food Grade Grease H1 NLGI 2 |
| H1 Fluid | - | - | Maker FG Gear Synth 220 | Foodlube Hi Power / Hi Torque | Poly-Guard FDA | 280 Food Grade HTC H1, 269 Hydraulic Oil H1, 276 Synthetic Food Grade Gear Lube H1 |
| General Purpose Synthetic Fluid | - | - | Maker Super Tauro Synth 220 | - | Synfilm GT | 264 Pure Synthetic Hydraulic Oil |
| Polyalphaolefin (PAO) Compressor Oil | | | | | | |
| 32 | 140 | - | - | Foodlube Hi Power 32 | Synfilm GT 32 | 158 Pure Synthetic Compressor Oil ISO 32 |
| 46 | 134 | - | Maker Synthetic Compressor 46 | Foodlube Hi Power 46 | Synfilm GT 46 | 158 Pure Synthetic Compressor Oil ISO 46 |
| 68 | 139 | - | Maker Synthetic Compressor 68 | Foodlube Hi Power 68 | Synfilm GT 68 | 158 Pure Synthetic Compressor Oil ISO 68 |
| 100 | 150 | - | - | Foodlube Hi Power 100 | Synfilm GT 100 | 158 Pure Synthetic Compressor Oil ISO 100 |
| 150 | 131 | - | Maker Synthetic Compressor 150 | - | Synfilm GT 150 | 158 Pure Synthetic Compressor Oil ISO 150 |
| Partial Synthetic Compressor Oil | | | | | | |
| 32 | 146 | - | Maker Aries Turbo Gas CC 32 | - | - | 254 HTC Supreme ISO 32 |
| 46 | 145 | - | Maker Aries Turbo Gas CC 46 | - | - | 254 HTC Supreme ISO 46 |
| 68 | 87 | - | Maker Merak VDL 68 | - | - | 254 HTC Supreme ISO 68 |
| 100 | 99 | - | Maker Merak VDL 100 | - | - | 254 HTC Supreme ISO 100 |
| 150 | 105 | - | - | - | - | 254 HTC Supreme ISO 150 |
| 220 | 105 | - | Maker Synthetic Compressor 220 | - | - | 254 HTC Supreme ISO 220 |
| Centrifugal Compressor Oil | | | | | | |
| 32 | 127 | - | Maker Turbo Aries Plus 32 | - | Synfilm GT 32 | 112 HTC Oil ISO 32 |
| 46 | 136 | - | Maker Turbo Aries Plus 46 | - | Synfilm GT 46 | 112 HTC Oil ISO 46 |
| 150 | 120 | - | Maker Synthetic Compressor 220 | - | Synfilm GT 150 | 112 HTC Oil ISO 150 |
| 320 | 160 | - | - | - | Synfilm GT 320 | 112 HTC Oil ISO 320 |