

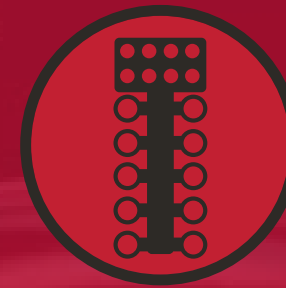


# 2024 PRODUCT CATALOG



**POWER TO GO®**





## Mastering the Science of Synthetic Lubrication

For over 60 years, racers and performance enthusiasts around the world have relied on Klotz to grab the checkered flag. Developing products for the motorsports industry is our passion. The tradition of race-testing Klotz products continues to this day. In fact, by the time a Klotz product reaches your engine, it's spent countless hours on the dyno and proven on the race track.

Mastering the Science of Synthetic Lubrication is our top priority.

Our Pure Estorlin® Innovations Technology, created from the Esterfication process, and TechniPlate® Lubricity Systems™ each produce a complete synthetic lubricant with an intricate chemically integrated bonding process.

We take pride in adapting to the constantly evolving needs of your sport; whether it's automotive, motorcycle, snowmobile, marine, kart and RC scale model markets- manufactured with integrity, providing the highest quality sport products to enhance your good times.

**Order:** (800) 242-0489  
**Fax:** (260) 490-0490  
**Technical & Development Support:** (260) 490-0489

<https://klotzlube.com/>

Manufacturing & Distribution Facility  
7424 Freedom Way  
Fort Wayne, IN 46818

### We offer:

*Automotive Engine Lubricants*  
*Diesel Engine Lubricants*  
*Powersports Engine Lubricants*  
*Transmission Lubricants*  
*Rear End Differential Lubricants*  
*Rebuild, Assembly, and Storage*  
*Speciality Products*



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# AUTOMOTIVE

## RACING ENGINE

### Pure Estorlin Racing

**Usage :** Four-stroke lubricant for (asphalt and dirt) circle track, drag racing, and sports car racing engines.

Klotz Pure Estorlin Racing is a high-performance lubricant designed for motorsports engines. Its formulation contains multiple antioxidants to mitigate oxidation and oil thickening, even under extremely high oil temperatures. Multiple surface-active antiwear additives protect hardware from wear. Powerful dispersants and detergents maintain engine cleanliness and prevent high-temperature deposits such as varnish. A cocktail of friction modifying chemistry lowers oil temperatures and further mitigates wear. Shear-stable polymers and base oils allow the lubricant to maintain its performance and viscosity under extended periods of severe operation or elevated fuel dilution levels.

These products come in a wide range of viscosity grades to suit various circle track, drag racing, sports car racing, and hot rod applications. Klotz Pure Estorlin Racing is designed for dedicated racetracks and is not intended for on-highway use. This product is not compatible with emissions systems

KE-906 0W-30 0/1 Quart Bottles  
 KE-915 15W-55 10/1 Quart Bottles  
 KE-925 5W-20 10/1 Quart Bottles  
 KE-930 10W-30 10/1 Quart Bottles  
 KE-935 5W-30 10/1 Quart Bottles  
 KE-940 10W-40 10/1 Quart Bottles  
 KE-950 20W-50 10/1 Quart Bottles  
 KE-954 15W-40 10/1 Quart Bottles  
 KE-955 15W-50 10/1 Quart Bottles  
 Available in 5 Gallon Pail and 55 Gallon Drum



## GASOLINE ENGINE

### Estorlin ESC

**Usage :** Top-tier lubricant for modern high-performance engines with emission aftertreatment systems.

Klotz Estorlin ESC is a top-tier lubricant for high-performance vehicles with modern emission systems. It can be used with direct injected, turbocharged, supercharged, port injected, or carbureted engine configurations. The product line carries API SN Plus, API SP with Resource Conserving, and ILSAC GF-6A certifications.

The primary additive package mitigates low speed pre-ignition (LSPi) and prevents turbocharger coking in TGDl engines. Multifunctional detergents and dispersants prevent sludge, varnish, and carbon deposits. Powerful antioxidants prevent degradation and oil thickening under extended periods of high-temperature operation. Air release agents prevent high-RPM aeration that can interfere with variable valve timing systems. Friction modifying chemistry enhances fuel economy. Pour point depressants improve low-temperature flow and pumpability.

Estorlin ESC was developed specifically for on-highway vehicles that encounter periodic racetrack use.

KE-420 (0W-20) 10/1 Quart Bottles  
 KE-435 (5W-30) 10/1 Quart Bottles  
 Available in 5 Gallon Pail and 55 Gallon Drum

## RACING DRIVELINE

### Limited Slip Booster

**Usage :** Top-treat booster to enhance the performance of gear oils in limited slip differentials.

The Klotz Limited Slip Booster is a top-treat booster for gear oils that are used in limited slip differentials. It contains additives that reduce oil operating temperatures, prevent corrosion, and extend gear life.

It also contains chemistry that provides the base lubricant with more consistent friction under the complex operating conditions of limited slip hardware.

KE-910 20/4 Ounce Bottles



### Free-Gear Hypoid Lubricant

**Usage :** Hypoid gear lubricant for racing differentials.

The primary additive package is designed specifically to protect hypoid gearsets from wear and corrosion. The formulation is boosted with additional corrosion inhibitors, friction modifiers, and extreme pressure antiwear chemistry to further enhance performance.

It also contains air release agents to suppress foam and prevent aeration during high-speed operation. These products are compatible with most seal materials and exceed the performance requirements of API GL-5.

Free-Gear Hypoid is available in a wide range of viscosity grades to suit specific operating requirements.

The 75W-75 and 75W-80 viscosity grades are optimized for qualifying. The 30W-60 viscosity grade is optimized for lower horsepower crate motor race cars.

KE-965 75W-75 10/1 Quart Bottles  
 KE-966 30W-60 10/1 Quart Bottles  
 KE-975 75W-80 10/1 Quart Bottles  
 KE-980 75W-90 10/1 Quart Bottles  
 KE-990 80W-90 10/1 Quart Bottles  
 KE-994 75W-140 10/1 Quart Bottles  
 KE-995 75W-110 10/1 Quart Bottles  
 KE-996 240WT 10/1 Quart Bottles  
 KE-997 200WT 10/1 Quart Bottles  
 Available in 55 Gallon Drum



## RACING BREAK IN OIL

### Break-N Mineral Base Oil

**Usage :** Mineral break-in lubricant for racing engines.

Klotz BREAK-N is a mineral break-in lubricant for high-performance and racing engines. It contains high levels of zinc to protect camshafts, lifters, and bearings during the break-in process. It is also boosted with detergents to neutralize acids from elevated levels of blowby that occur prior to piston ring seating.

Klotz BREAK-N is designed to be used in conjunction with Klotz KL-106 UPLON Upper Cylinder Lubricant.

KE-903 40WT 10/1 Quart Bottles  
 KE-901 30WT 10/1 Quart Bottles  
 Available in 5 Gallon Pail and 55 Gallon Drum



## UPPER ENGINE LUBRICANT

### UPLON Upper Cylinder Lubricant

**Usage:** Top-treat additive that increases fuel lubricity and protects fuel system hardware.

Klotz Uplon is a top-treat fuel additive that lubricates fuel pumps, conditions seals, protects against fuel system corrosion, and maintains injector cleanliness. Klotz Uplon contributes to reducing upper cylinder friction and improving piston ring seal, both of which maximize engine output. It also contains antiwear chemistry to protect valves and valve guides from premature wear. The formulation blends with methanol, ethanol, nitromethane, and gasoline.

Klotz Uplon is also ideally suited for use in legacy diesel engines (1990's vintage and older). These engines were designed when diesel fuel blends contained higher levels of sulfur, so Klotz Uplon restores the necessary upper cylinder lubricity required by this hardware.

Using Klotz Uplon eliminates the need for after-run lubricants.

KL-106 10/1 Pint Bottles  
 KL-107 10/1 Quart Bottles  
 Available in 5 Gallon Pail and 55 Gallon Drum



### Flex Drive 30 Transmission Lubricant

**Usage :** Low-viscosity lubricant for Bert, Falcon, and Brinn racing transmissions. Also suitable for many transmissions used in conjunction with two-stroke engines.

But it is also ideally suited for use in Bert, Falcon, and Brinn racing transmissions (and similar designs).

Klotz FLEX DRIVE 30 uses a relatively low viscosity of 75W-80 but is boosted with extreme-pressure antiwear chemistry that allows it to perform like a heavier lubricant.

KL-506 75W-80  
 Available in 55 Gallon Drum



# DIESEL

## DIESEL ENGINE

### SD-1 Diesel Engine Lubricant



**Usage :** Lubricant for high mileage diesel engines in light and medium-duty work trucks.

Klotz SD-1 is a top-tier lubricant for high mileage light-duty and medium-duty diesel engines that routinely encounter severe operating conditions. The formulation's primary additive package reduces wear and mitigates oxidation, even under extended periods of high oil temperatures. Its multifunctional detergent and dispersant system can manage excessive levels of soot and maintain engine cleanliness, even with legacy engine hardware. Its high-performance viscosity modifiers offer exceptional shear stability.

This fluid contains specialized base oils and a blend of pour point depressants to ensure excellent low-temperature pumpability and lubrication.

Klotz SD-1 is offered in two viscosity grades. The 10W-40 version uses base oils that are optimized for fuel efficiency. The 15W-40 version uses base oils that are optimized for hardware protection. Both viscosity grades are compatible with emission after-treatment systems.

KD-741 10W-40 4/1 Gallon Bottles  
 KD-755 15W-40 4/1 Gallon Bottles



### SD-2 Diesel Engine Lubricant

**Usage :** Lubricant for high-performance diesel engines without emission after-treatment systems.

Klotz SD-2 is an ultra-premium lubricant for high-performance diesel engines. The formulation's primary additive package reduces wear and mitigates oxidation, even under extended periods of high oil temperatures. Its multifunctional detergent and dispersant system can manage excessive levels of soot and prevent high-temperature deposits such as varnish. Its viscosity modifiers offer exceptional shear stability. Friction modifying chemistry lowers oil temperatures, further reduces wear, and maximizes engine output.

This fluid contains specialized base oils and a blend of pour point depressants to ensure excellent low-temperature pumpability and lubrication.

Klotz SD-2 is not recommended for use with emission after-treatment systems.

KD-760 5W-40 4/1 Gallon Bottles

## DIESEL BREAK IN OIL

### SD-B Diesel Engine Lubricant



**Usage :** Break-in lubricant for new or remanufactured diesel engines.

Klotz SD-B is a break-in lubricant for new or remanufactured diesel engines. Its robust zinc package protects engine hardware from excessive wear. Its detergents and dispersants manage excessive levels of soot and prevent deposits that can form early in the life of an engine. The formulation also has an extremely high base number to neutralize acids resulting from elevated levels of blowby in new engines.

Klotz SD-B is fully formulated, which allows it to be used on the dyno or during normal on-highway driving. This feature also allows it to be used as a flush oil to remove soot and sludge from high mileage or heavily fouled engines.

KD-200 5W-40 4/1 Gallon Bottles  
 KD-201 15W-40 4/1 Gallon Bottles

# REBUILD, ASSEMBLY AND STORAGE

### FogON Storage Lubricant

**Usage** Aerosol lubricant to protect engine hardware during short-term or long-term storage.

Aerosol after-run lubricant that protects engine hardware (especially cylinder walls) from corrosion during storage. It also facilitates restarting after prolonged periods of non-use. It can be used in two-stroke or four-stroke gasoline and diesel engines.

Klotz FogON extends the life of seasonal equipment such as watercraft, motorcycles, lawn mowers and snow blowers. It is also ideal for equipment that is infrequently used, such as emergency generators, maintenance store boat motor

KL-610 10/16 Ounce Cans  
 KL-610 PL 5 5 Gallon Pail



### Fazeseperation Ethanol Gasoline Treatment

**Usage:** Top-treat additive to prevent phase separation and improve storage stability of ethanol fuel blends exposed to water contamination.

A top-treat additive that prevents phase separation in ethanol fuel blends that are exposed to water contamination or high levels of ambient moisture. It contains lubricity improvers to prevent dry-outs, and corrosion inhibitors to protect fuel system hardware and cylinder walls from the detrimental effects of ethanol.

Klotz FazeSeparation also functions as a stabilizer to increase the longevity of ethanol fuel blends while in storage. It can be used with leaded or unleaded gasoline, along with pre-mixed two-stroke blends.

KL-603 10/1 Pint Bottles  
 KL-623 4/1 Gallon Bottles



### Motorcycle Techniplate TC-W3 or III

**Usage :** Modern street motorcycle and dirt bike engines.

Klotz Motorcycle Techniplate is an ashless high-performance lubricant for modern two-stroke street motorcycle and dirt bike engines. Antioxidants and detergents mitigate high-temperature oxidation, deposit formation, and spark plug fouling. Dispersants reduce smoke generation. Surface-active antiwear chemistry protects against bearing and piston ring wear.

Klotz Motorcycle Techniplate exceeds the performance requirements of NMMA TC-W3 and JASO FD. It is designed specifically for gasoline and can be used in pre-mixed or oil injected equipment. It is also ideally suited to maintain power valve cleanliness

KL-302 10/1 Quart Bottles  
 Available in 5 Gallon Pail and 55 Gallon Drum



### Assembly Lube

**Usage :** Assembly lubricant for engines and related hardware

The fluid maintains a tenacious film on surfaces to prevent metal-to-metal contact. It is boosted with corrosion inhibitors to protect hardware from oxidation while in storage. The formulation quickly mixes with the primary crankcase oil once the engine is running.

Klotz Assembly Lube facilitates the proper break-in of piston rings, bearings, camshafts, and lifters. It also prevents initial damage to cylinder wall coatings, such as Nikasil.

This product can be used to lubricate the assembly of other equipment as well. This includes transmissions, differentials, marine lower units, and pumps.

KL-311 10/12 Ounce Bottles



### Storbilizer

**Usage :** Top-treat additive to improve stability of gasoline, ethanol blends, and

The formulation prevents corrosion and keeps all components suspended in the fluid, even when exposed to low ambient temperatures. It also facilitates start-ups after extended periods of non-use. Storbilizer provides between eight and sixteen months of protection (depending on the treat-rate).

This product is ideal for engines that are stored seasonally. This includes watercraft, powersports equipment, landscaping equipment, snowplows, tractors, and emergency generators. pre-mixed two-stroke blends

KL-613 10/1 Pint Bottles  
 KL-633 4/1 Gallon Bottles





# FUEL AND FUEL ADDITIVES

## CRATE FUEL



### CRATE 108 Octane

Ethanol Free  
Motor Octane: 105  
Research Octane: 111  
Pump Octane: 108  
Color: Purple  
Oxygen: 12%  
Specific Gravity @ 60°F: .740  
Tetraethyl Lead: 3.9 Gram/Gallon  
Anti Foam: Yes  
Contains UpLon Fuel Lube  
Recommended for 525, 602, 603, and 604 crate engines

Available in 55-Gallon Drums Only  
CR-604



### CRATE 100 Octane

Ethanol Free  
Motor Octane: 92  
Research Octane: 106  
Pump Octane: 99  
Color: Bluish/Green  
Oxygen: 11.9%  
Specific Gravity @ 60°F: .748  
Tetraethyl Lead: None  
Anti Foam: Yes  
Contains UpLon Fuel Lube  
Recommended for 525, 602, 603 and 604 crate engines

Available in 55-Gallon Drums Only  
CR-601

## RACING LEADED FUEL



### 118 Octane Leaded Gasoline

Ethanol Free  
Motor Octane: 116  
Research Octane: 120  
Pump Octane: 118  
Color: Dark Red  
Specific Gravity @ 60°F: .728  
Tetraethyl Lead: 4.7 Gram/Gal  
Anti Foam: Yes  
Contains UpLon Fuel Lube

KL-428



### 108 Octane Leaded Gasoline

Ethanol Free  
Motor Octane: 106  
Research Octane: 110  
Pump Octane: 108  
Color: Purple  
Specific Gravity @ 60°F: .729  
Tetraethyl Lead: .0 Gram/Gal  
Anti Foam: Yes  
Contains No Lubricant

KL-440



### 110 Octane Leaded Gasoline

Ethanol Free  
Motor Octane: 110  
Research Octane: 118  
Pump Octane: 114  
Color: Purple  
Specific Gravity @ 60°F: .740  
Tetraethyl Lead: 4.7 Gram/Gal  
Anti Foam: Yes  
Contains UpLon Fuel Lube

KL-410



### 113 Octane Leaded Gasoline

Ethanol Free  
Motor Octane: 108  
Research Octane: 118  
Pump Octane: 113  
Color: Red  
Specific Gravity @ 60°F: .731  
Tetraethyl Lead: 4.5 Gram/Gal  
Anti Foam: Yes  
Contains No Lubricant

KL-408



## UNLEADED FUEL

### 100 Octane Unleaded Stock Gasoline

Ethanol Free  
Motor Octane: 94  
Research Octane: 104  
Pump Octane: 100  
Color: Light Green  
Specific Gravity @ 60°F: .765  
Tetraethyl Lead: .0 Gram/Gal  
Anti Foam: Yes  
Contains UpLon Fuel Lube

KL-444

## OXGENATED FUEL



### OXYGAS 100 Octane

Ethanol Free  
Motor Octane: 97  
Research Octane: 103  
Pump Octane: 100  
Color: Red  
Oxygen: 6.5%  
Specific Gravity @ 60°F: .775  
Tetraethyl Lead: <1 Gram/Gal  
Anti Foam: Yes  
Contains No Lubricant

KL-491



### OXYGAS 113 Octane

Ethanol Free  
Motor Octane: 108  
Research Octane: 118  
Pump Octane: 113  
Color: Red  
Oxygen: 2.4%  
Specific Gravity @ 60°F: .745  
Tetraethyl Lead: 4.5 Gram/Gal  
Anti Foam: Yes  
Contains No Lubricant

KL-492

## FUEL ADDITIVES



### Nitro Power Additive

**Usage:** Top-treat additive that maximizes power output of two-stroke and four-stroke racing engines that use gasoline or alcohol.

Klotz Nitro is a top-treat fuel additive designed to extract maximum horsepower from stock and modified racing engines. Klotz Nitro increases fuel oxygen levels and is particularly effective at optimizing torque at low and mid RPMs. Klotz Nitro is suitable for use in both two-stroke and four-stroke racing engines and will blend with gasoline and alcohol.

Klotz Nitro is designed for dedicated racecars and is not intended for on-highway use. This product may not be legal in certain sanctioned motorsports events.

KL-600 10/1 Pint Bottles  
KL-640 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



### Higher Octane Booster

**Usage:** Top-treat additive that increases the octane of gasoline or ethanol blends.

Klotz Octane Booster is a top-treat fuel additive that increases the octane of the base fuel. The elevated octane level improves throttle response, mitigates early detonation, and stabilizes the flame front within the combustion chamber (especially when used in high-compression engines). The formulation also contains chemistry to improve lubricity, cleanliness, and storage stability.

This additive is compatible with gasoline or ethanol blends. It is safe for oxygen sensors and catalytic converters, and it does not contain methyl tertiary-butyl ether (MTBE) or methylcyclopentadienyl manganese tricarbonyl (MMT).

KL-626 20/6 Oz. Bottles  
KL-602 10/1 Pint Bottles  
KL-628 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

### Hitrate Racing Gas Concentrate

**Usage:** Top-treat additive that converts pump gasoline into racing gasoline.

Klotz Hitrate is an unleaded top-treat additive that converts pump gasoline into racing gasoline. It does this by increasing octane, lubricity, and stabilizing the flame front within the combustion chamber. This results in smoother torque curves and more accessible power. Klotz Hitrate is compatible with gasoline, ethanol blends, and some aviation fuels.

Klotz Hitrate is designed for dedicated racecars and is not intended for on-highway use.

KL-452 10/1 Pint Bottles  
KL-451 4/1 Gallon Bottles  
KL-450 5 Gallon Pail



### COXOC

**Usage:** Top-treat additive that oxygenates pump or race gasoline.

Klotz Hitrate is an unleaded top-treat additive Klotz COXOC (pronounced CO-ZOC) is a top-treat oxygenator for pump or race gasoline. It improves power and throttle response across the entire RPM range. Most engines that use COXOC require adjustments to the air-to-fuel ratio.

Klotz COXOC is designed for dedicated racecars and is not intended for on-highway use. It is also not intended for use with base fuels other than gasoline.

KL-614 4/1 Gallon Bottles  
KL-615 5 Gallon Pail  
Available in 55 Gallon Drum

## UPPER CYLINDER LUBRICANT

### UPLON Upper Cylinder Lubricant

**Usage:** Top-treat additive that increases fuel lubricity and protects fuel system hardware.

Klotz Uplon is a top-treat fuel additive that lubricates fuel pumps, conditions seals, protects against fuel system corrosion, and maintains injector cleanliness. Klotz Uplon contributes to reducing upper cylinder friction and improving piston ring seal, both of which maximize engine output. It also contains antiwear chemistry to protect valves and valve guides from premature wear. The formulation blends with methanol, ethanol, nitromethane, and gasoline.

Klotz Uplon is also ideally suited for use in legacy diesel engines (1990's vintage and older). These engines were designed when diesel fuel blends contained higher levels of sulfur, so Klotz Uplon restores the necessary upper cylinder lubricity required by this hardware.

Using Klotz Uplon eliminates the need for after-run lubricants.

KL-106 10/1 Pint Bottles  
KL-107 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



## PASSENGER CAR

### Catalytic Converter Cleaner

**Usage:** Top-treat additive that cleans the fuel and emission systems of automotive gasoline engines.

The Klotz Catalytic Converter Cleaner is designed specifically for automotive applications. It uses a blend of technologies to target carbon deposits throughout the fuel and exhaust system. The formulation also contains surface active chemistry that will continue to clean even after the treated gasoline is depleted. The strength of the Klotz Catalytic Converter Cleaner is optimized to target downstream hardware such as the catalytic converter and its oxygen sensors.

KL-604 10/1 Pint Bottles



# MARINE

## TWO-STROKE ENGINE



### Skicraft Techniplate

**Usage :** Two-stroke lubricant for modern personal watercraft engines.

Antioxidants and detergents mitigate high-temperature oxidation, deposit formation, and spark plug fouling. Dispersants reduce smoke generation. Surface-active antiwear chemistry protects against bearing and piston ring wear.

This formulation also contains powerful corrosion inhibitors to prevent rust in marine environments.

Klotz SkiCraft Techniplate exceeds the performance requirements of NMMA TC-W3 and JASO FD. It is designed specifically for gasoline and can be used in pre-mixed or oil injected equipment.

KL-306 10/1 Quart Bottles  
KL-307 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



### R-50

**Usage :** Two-stroke lubricant for racing engines with power valves.

Klotz R-50 is a lubricant developed exclusively for high-RPM, two-stroke racing engines with power valves. It uses a formulation that has been continually refined throughout Klotz's six decades of experience in motorsports. Its antiwear chemistry prevents scuffing and protects bearings and piston rings. A blend of dispersants reduces smoke generation and mitigates high-temperature carbon and varnish deposits.

This formulation can be used with racing motorcycles, ATV/UTVs, snowmobiles, personal watercraft, karts, and micro sprints.

Klotz R-50 is intended for pre-mix only and is not suitable for oil injection systems. It is designed specifically to mix with gasoline.

KL-102 10/1 Pint Bottles  
KL-104 10/1 Quart Bottles  
KL-105 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



### Super Techniplate

**Usage :** Two-stroke synthetic and castor blend for racing engines that encounter extremely high RPMs and temperatures

Klotz Super Techniplate is a high-performance lubricant designed specifically for two-stroke racing engines. Its unique formulation combines the benefits of Klotz Original Techniplate with Klotz BeNOL (castor lubricant). Its primary strength is maintaining a tenacious lubricating film on hardware, especially under high temperatures and RPMs.

Klotz Super Techniplate blends with alcohol and gasoline. It can be used with air-cooled or water-cooled engine architecture. The product is intended for pre-mix only and is not recommended for oil injection or power valve engines.

KL-103 10/1 Pint Bottles  
KL-100 10/1 Quart Bottles  
KL-101 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



### Pure Estorlin Marine

**Usage :** Four-stroke lubricant for modern recreational marine engines

Klotz Pure Estorlin Marine is a high-performance lubricant designed specifically for modern four-stroke recreational marine engines. It provides outstanding oxidation performance, detergency, and wear protection (especially around valvetrain components during start-up). The primary additive package contains powerful corrosion inhibitors to protect components from rust in severe marine environments. Additional boosters are added that include extreme pressure antiwear chemistry and multifunctional friction modifiers to reduce oil temperatures. It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency.

Klotz Pure Estorlin Marine meets the performance requirements of NMMA FC-W and FC-W (CAT). It is available in several viscosity grades to suit specific operating requirements.

KE-330 10W-30 10/1 Quart Bottles  
KE-340 25W-40 10/1 Quart Bottles  
KE-334 10W-40 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

## FOUR-STROKE ENGINE



### Jet Pump Lube

**Usage :** Lubricant for marine jet pumps.

Klotz Jet Pump is a high-performance lubricant for marine jet pump hardware. The formulation is a derivative of the venerable Klotz Techniplate formulation. The fluid mitigates wear, conditions seals, and contains air release agents to suppress foam and prevent aeration.

KL-511 20/4 Ounce Bottles



### Pure Estorlin Marine Lower Unit Gear

**Usage :** Lubricant for marine stern drives and outboard lower gear units.

Klotz Pure Estorlin Marine Lower Unit is a high-performance lubricant specifically designed for stern drives and outboard lower gear units. The primary additive package offers excellent oxidative stability, foam suppression, corrosion protection, and wear performance.

It is boosted with additional extreme pressure antiwear chemistry to prevent gear damage, and friction modifiers to lower operating temperatures. It will also resist the formation of harmful emulsion in the event of water ingress or contamination.

KE-380 80W-90  
Available in 5 Gallon Pail and 55 Gallon Drum

### BeNOL

**Usage :** Two-stroke castor oil for racing engines that encounter extremely high RPMs and temperatures.

Klotz BeNOL is a high-performance lubricant designed specifically for small, high-output two-stroke engines. BeNOL differs from other Klotz two-stroke motorsports lubricants because it uses highly refined castor base stocks instead of petroleum base stocks. Castor oil is biodegradable and maintains a tenacious lubricating film on hardware, even under high temperatures and RPMs.

BeNOL's anti-wear chemistry prevents scuffing and protects bearings and piston rings. It also reduces smoke generation and mitigates carbon deposits.

This product can be used with racing motorcycles, ATV/UTVs, personal watercraft, karts, and micro sprints. It can also be used in two-stroke and four-stroke glow engines commonly found in radio-controlled aircraft.

Klotz BeNOL is intended for pre-mix only and is not suitable for oil injection systems. It is not recommended for use in ambient temperatures below 35°F. It will blend with gasoline, E-85, and alcohol.

BC-175 10/1 Pint Bottles  
BC-172 10/1 Quart Bottles  
BC-171 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

### Outboard Techniplate

**Usage :** Two-stroke lubricant for modern marine outboard engines.

Klotz Outboard Techniplate is an ashless high-performance lubricant for two-stroke outboard marine engines. Antioxidants and detergents mitigate high-temperature oxidation, deposit formation, and spark plug fouling. Dispersants reduce smoke generation. Surface-active antiwear chemistry protects against bearing and piston ring wear.

This formulation also contains powerful corrosion inhibitors to prevent rust in marine environments.

Klotz Outboard Techniplate exceeds the performance requirements of NMMA TC-W3 and JASO FD. It is designed specifically for gasoline and can be used in pre-mixed, oil injected, and DFI equipment.

KL-332 10/1 Quart Bottles  
KL-333 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum





# POWERSPORTS

## TWO-STROKE ENGINE



### Motorcycle Techniplate TC-W3 or III

**Usage :** Modern street motorcycle and dirt bike engines.

Klotz Motorcycle Techniplate is an ashless high-performance lubricant for modern two-stroke street motorcycle and dirt bike engines. Antioxidants and detergents mitigate high-temperature oxidation, deposit formation, and spark plug fouling. Dispersants reduce smoke generation. Surface-active antiwear chemistry protects against bearing and piston ring wear.

Klotz Motorcycle Techniplate exceeds the performance requirements of NMMA TC-W3 and JASO FD. It is designed specifically for gasoline and can be used in pre-mixed or oil injected equipment. It is also ideally suited to maintain power valve cleanliness.

KL-302 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



### R-50

**Usage :** Two-stroke lubricant for racing engines with power valves.

Klotz R-50 is a lubricant developed exclusively for high-RPM, two-stroke racing engines with power valves. It uses a formulation that has been continually refined throughout Klotz's six decades of experience in motorsports. Its anti-wear chemistry prevents scuffing and protects bearings and piston rings. A blend of dispersants reduces smoke generation and mitigates high-temperature carbon and varnish deposits.

This formulation can be used with racing motorcycles, ATV/UTVs, snowmobiles, personal watercraft, karts, and micro sprints.

Klotz R-50 is intended for pre-mix only and is not suitable for oil injection systems. It is designed specifically to mix with gasoline.

KL-102 10/1 Pint Bottles  
KL-104 10/1 Quart Bottles  
KL-105 4/1 Gallon Bottles

Available in 5 Gallon Pail and 55 Gallon Drum



### Super Techniplate

**Usage :** Two-stroke synthetic and castor blend for racing engines that encounter extremely high RPMs and temperatures

Klotz Super Techniplate is a high-performance lubricant designed specifically for two-stroke racing engines. Its unique formulation combines the benefits of Klotz Original Techniplate with Klotz BeNOL (castor lubricant). Its primary strength is maintaining a tenacious lubricating film on hardware, especially under high temperatures and RPMs.

Klotz Super Techniplate blends with alcohol and gasoline. It can be used with air-cooled or water-cooled engine architecture. The product is intended for pre-mix only and is not recommended for oil injection or power valve engines.

KL-103 10/1 Pint Bottles  
KL-100 10/1 Quart Bottles  
KL-101 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

## Outboard Techniplate

**Usage :** Two-stroke lubricant for modern marine outboard engines.

Klotz Outboard Techniplate is an ashless high-performance lubricant for two-stroke outboard marine engines. Antioxidants and detergents mitigate high-temperature oxidation, deposit formation, and spark plug fouling. Dispersants reduce smoke generation. Surface-active antiwear chemistry protects against bearing and piston ring wear.

This formulation also contains powerful corrosion inhibitors to prevent rust in marine environments.

Klotz Outboard Techniplate exceeds the performance requirements of NMMA TC-W3 and JASO FD. It is designed specifically for gasoline and can be used in pre-mixed, oil injected, and DFI equipment.

KL-332 10/1 Quart Bottles  
KL-333 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



## BeNOL

**Usage :** Two-stroke castor oil for racing engines that encounter extremely high RPMs and temperatures.

Klotz BeNOL is a high-performance lubricant designed specifically for small, high-output two-stroke engines. BeNOL differs from other Klotz two-stroke motorsports lubricants because it uses highly refined castor base stocks instead of petroleum base stocks. Castor oil is biodegradable and maintains a tenacious lubricating film on hardware, even under high temperatures and RPMs.

BeNOL's anti-wear chemistry prevents scuffing and protects bearings and piston rings. It also reduces smoke generation and mitigates carbon deposits.

This product can be used with racing motorcycles, ATV/UTVs, personal watercraft, karts, and micro sprints. It can also be used in two-stroke and four-stroke glow engines commonly found in radio-controlled aircraft.

Klotz BeNOL is intended for pre-mix only and is not suitable for oil injection systems. It is not recommended for use in ambient temperatures below 35°F. It will blend with gasoline, E-85, and alcohol.

BC-175 10/1 Pint Bottles  
BC-172 10/1 Quart Bottles  
BC-171 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

## FOUR-STROKE ENGINE



### ATV/UTV Synthetic Lubricant with Separate Transmission

**Usage :** Four-stroke lubricant for modern ATV and UTV engines.

Klotz ATV/UTV is a high-performance lubricant designed specifically for modern four-stroke recreational ATVs and UTVs. It provides outstanding oxidation performance, detergency, and wear protection (especially around valvetrain components during start-up). Additional boosters are added that include multifunctional friction modifiers to reduce oil temperatures. It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency, even during extended periods of high-temperature operation that are possible with severe off-road use.

The formulation will exceed the performance requirements of JASO Quality Category SN.

ATVUTV-040 0W-40 10/1 Quart Bottles  
ATVUTV-550 5W-50 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



### ATV/UTV Synthetic Lubricant with Integrated Transmission

**Usage :** Four-stroke lubricant for modern ATV and UTV engines with integrated transmissions.

Klotz ATV/UTV with Integrated Transmission is a high-performance lubricant designed specifically for modern four-stroke recreational ATVs and UTVs. It provides outstanding oxidation performance, detergency, and wear protection for both engine and gear hardware. It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency, even during extended periods of high-temperature operation that are possible with severe off-road use. The formulation will exceed the performance requirements of JASO Quality Category SN.

Klotz ATV/UTV with Integrated Transmission can be used with or without an integrated clutch, and it does meet the clutch performance requirements of JASO MA2.

ATVUTV-1040 10W-40 10/1 Quart Bottle  
Available in 5 Gallon Pail and 55 Gallon Drum



### Side X Side Engine Lubricant

**Usage :** Four-stroke lubricant for modern side-by-side engines.

Klotz Side X Side is a high-performance lubricant designed specifically for modern four-stroke recreational side-by-side vehicles. It provides outstanding oxidation performance, detergency, and wear protection (especially around valvetrain components during start-up). It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency, even during extended periods of high-temperature operation that are possible with severe off-road use. The formulation will exceed the performance requirements of JASO Quality Category SN.

Klotz Side X Side is available in several viscosity grades to suit specific operating requirements.

KL-802 5W-50 10/1 Quart Bottles  
KL-803 10W-30 10/1 Quart Bottles  
KL-804 10W-40 10/1 Quart Bottles  
KL-805 10W-50 10/1 Quart Bottles  
KL-806 15W-50 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

## MX4 Techniplate

**Usage :** Four-stroke lubricant for motorcycle and ATV racing engines.

Klotz MX4 is a lubricant designed specifically for the unique performance requirements of four-stroke racing motorcycles and ATVs. It provides outstanding oxidation performance, detergency, and wear protection for both engine and gear hardware. It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency, even during extended periods of high-temperature operation that are possible with air-cooled configurations. The formulation will exceed the performance requirements of JASO Quality Category SN.

Klotz MX4 can be used with or without an integrated clutch, and it does meet the clutch performance requirements of JASO MA2.

KL-860 10W-40 10/1 Quart Bottles  
KL-870 10W-30 10/1 Quart Bottles  
KL-880 15W-50 10/1 Quart Bottles  
KL-890 10W-60 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



## Motorcycle Techniplate With Integrated Transmission

**Usage :** Four-stroke lubricant for modern motorcycle and ATV engines with integrated transmissions.

Klotz Motorcycle Techniplate with Integrated Transmission is a high-performance lubricant designed for modern four-stroke recreational motorcycles and ATVs. It provides outstanding oxidation performance, detergency, and wear protection for both engine and gear hardware. It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency, even during extended periods of high-temperature operation that are possible with air-cooled configurations. The formulation will exceed the performance requirements of JASO Quality Category SN.

Klotz Motorcycle Techniplate with Integrated Transmission meets the clutch performance requirements of JASO MA2.

\*\*\*KL-840R is a racing version of KL-840. It is designed to prevent oxidation and clutch degradation under extremely high oil temperatures. KL-840R is only available through special order.

KL-815 15W-50 10/1 Quart Bottles  
KL-830 10W-30 10/1 Quart Bottles  
KL-840 10W-40 10/1 Quart Bottles  
\*\*\*KL-840R 10W-40 10/1 Quart Bottles  
KL-850 20W-50 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

# POWERSPORTS

## DRIVELINE



### ATV/UTV/SXS Front/Rear End Differential Lubricant

**Usage :** Lubricant developed specifically for ATV and UTV differentials.

Klotz ATV/UTV Differential is a high-performance lubricant specifically designed for ATV and UTV differentials. The primary additive package offers excellent oxidative stability, foam suppression, corrosion protection, and wear performance. It is boosted with additional extreme pressure antiwear chemistry to prevent gear damage, and friction modifiers to lower operating temperatures.

Klotz ATV/UTV Differential Lubricant is suitable for recreational or severe off-road use.

ATVUTV-7580 5W-80 10/1 Quart Bottles  
ATVUTV-8090 80W-90 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



### FlexDrive 30 Synthetic Transmission Lubricant

**Usage :** Low-viscosity lubricant for Bert, Falcon, and Brinn racing transmissions. Also suitable for many transmissions used in conjunction with two-stroke engines.

Klotz FLEX DRIVE 30 is a lubricant originally developed for two-stroke transmissions. But it is also ideally suited for use in Bert, Falcon, and Brinn racing transmissions (and similar designs).

Klotz FLEX DRIVE 30 uses a relatively low viscosity of 75W-80 but is boosted with extreme-pressure antiwear chemistry that allows it to perform like a heavier lubricant.

KL-506 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

## SUSPENSION

### Racing Synthetic Fork and Shock Fluid

**Usage :** RHydraulic fluid for modern motorcycle and automotive suspensions.

Klotz Racing Fork and Shock Fluid is a high-performance hydraulic fluid designed for motorcycle and automotive suspensions. The formulation uses friction modifiers to reduce operating temperatures and air release chemistry to mitigate aeration. It also conditions seals to prevent deterioration and hardening. High viscosity index polymers are used to help the fluid maintain its performance over a wide range of operating temperatures.

Klotz Racing Fork and Shock Fluid is available in several viscosity grades. Lower viscosity grades offer less damping and a softer ride. Higher viscosity grades offer more damping and a firmer ride.

KL-505 5W 10/1 Quart Bottles  
KL-510 10W 10/1 Quart Bottles  
KL515 15W 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



# SIDE X SIDE OIL CHANGE KITS



KU-100



KU-101



KU-104



KU-105



KU-102



KU-103



KU-106



KU-107

Part #	Application	Fitment	Oil (# Of Qts.)	Filter	Washers and O-Rings
KU-100	Polaris	2018 RZR Turbo S 2016-18 RZR XP Turbo 2014+ RZR XP 1000 2018 RZR RS1 2013+ RZR 900 2017+ Ranger 1000 2013-19 Ranger 900	KL-802 (Qty. 3) SxS 5W-50	HF-198	Cometic Crush Washer
KU-101	Polaris	2018 RZR Turbo S 2016-18 RZR XP Turbo 2014+ RZR XP 1000 2018 RZR RS1 2013+ RZR 900 2017+ Ranger 1000 2013-19 Ranger 900	KL-805 (Qty. 3) SxS 10W-50	HF-198	Cometic Crush Washer
KU-102	Polaris	2019+ RZR XP Turbo 2019+ RZR XP Turbo S 2020+ RZR Pro XP	KL-802 (Qty. 3) SxS 5W-50	HF-199	Cometic Crush Washer
KU-103	Polaris	2019+ RZR XP Turbo 2019+ RZR XP Turbo S 2020+ RZR Pro XP	KL-805 (Qty. 3) SxS 10W-50	HF-199	Cometic Crush Washer
KU-104	Can-Am	2016+ Maverick X3 Turbo and Non-Turbo	KL-804 (Qty. 4) SxS 10W-40	HF-152	Cometic O-Ring, Aluminum Washer
KU-105	Can-Am	2016+ Maverick X3 Turbo and Non-Turbo	KL-805 (Qty. 4) SxS 10W-50	HF-152	Cometic O-Ring, Aluminum Washer
KU-106	Yamaha	RMAX2 & RMAX4 (ALL)	KL-804 (Qty. 5) SxS 10W-40	HF-204	Cometic Copper Washers
KU-107	Yamaha	YXZ1000R	KL-806 (Qty. 5) SxS 15W-50	HF-204	Cometic Copper Washers, Drain Plug O-Ring



# V-TWIN

## ENGINE



### V-Twin Monograde (Straight Weight) Synthetic Engine Lubricant

**Usage :** Lubricant designed specifically for Harley-Davidson V-Twin engines.

Klotz American V-Twin is a high-performance lubricant designed specifically for the unique requirements of **Harley-Davidson® V-Twin** motorcycles. It provides outstanding oxidation performance, detergency, and wear protection (especially around valvetrain components during start-up). Additional boosters are added that include extreme pressure antiwear chemistry and multifunctional friction modifiers to reduce oil temperatures. It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency, even during extended periods of high-temperature operation that are possible with air-cooled motorcycles.

Klotz American V-Twin engine lubricants with KH part numbers are not recommended for motorcycles with wet clutches.

KH-50 SAE 50 10/1 Quart Bottles  
KH-60 SAE 60 10/1 Quart Bottles  
KH-70 SAE 70 10/1 Quart Bottles  
Available in 30 or 55 Gallon Drum

### V-Twin Multigrade Synthetic Lubricant

**Usage :** Lubricant designed specifically for Harley-Davidson V-Twin engines.

Klotz American V-Twin is a high-performance lubricant designed specifically for the unique requirements of **Harley-Davidson® V-Twin** motorcycles. It provides outstanding oxidation performance, detergency, and wear protection (especially around valvetrain components during start-up). Additional boosters are added that include extreme pressure antiwear chemistry and multifunctional friction modifiers to reduce oil temperatures. It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency, even during extended periods of high-temperature operation that are possible with air-cooled motorcycles.

Klotz American V-Twin engine lubricants with KH part numbers are not recommended for motorcycles with wet clutches.

KH-1040 10W-40 10/1 Quart Bottles  
KH-2050 20W-50 10/1 Quart Bottles  
KH-2560 25W-60 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

### V-Twin Multigrade Synthetic Lubricant

**Usage :** Lubricant designed specifically for Indian, Yamaha, and Victory V-Twin engines.

Klotz American V-Twin is a high-performance lubricant designed specifically for the unique requirements of Yamaha, Victory, and Indian V-Twin motorcycles. It provides outstanding oxidation performance, detergency, and wear protection for both engine and gear hardware. It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency, even during extended periods of high-temperature operation that are possible with air-cooled motorcycles.

Klotz American V-Twin engine lubricants with KV part numbers are optimized for wet clutches and meet the performance requirements of JASO MA2.

\*\*\*KV-1560R is a racing version of KV-1560. It is designed to prevent oxidation and clutch degradation under extremely high oil temperatures. KV-1560R is only available through special order.

KV-2040 20W-40 10/1 Quart Bottles  
KV-1560 15W-60 10/1 Quart Bottles  
\*\*\*KV-1560R 15W-60 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

# V-TWIN

## SUSPENSION

### Racing Synthetic Fork and Shock Fluid

**Usage :** R-Hydraulic fluid for modern motorcycle and automotive suspensions.

Klotz Racing Fork and Shock Fluid is a high-performance hydraulic fluid designed for motorcycle and automotive suspensions. The formulation uses friction modifiers to reduce operating temperatures and air release chemistry to mitigate aeration. It also conditions seals to prevent deterioration and hardening. High viscosity index polymers are used to help the fluid maintain its performance over a wide range of operating temperatures.

Klotz Racing Fork and Shock Fluid is available in several viscosity grades. Lower viscosity grades offer less damping and a softer ride. Higher viscosity grades offer more damping and a firmer ride.

KL-505 5W 10/1 Quart Bottles  
KL-510 10W 10/1 Quart Bottles  
KL515 15W 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



## DRIVELINE



### FlexDrive 30 Synthetic Transmission Lubricant

**Usage :** Low-viscosity lubricant for Bert, Falcon, and Brinn racing transmissions. Also suitable for many transmissions used in conjunction with two-stroke engines.

Klotz FLEX DRIVE 30 is a lubricant originally developed for two-stroke transmissions. But it is also ideally suited for use in Bert, Falcon, and Brinn racing transmissions (and similar designs).

Klotz FLEX DRIVE 30 uses a relatively low viscosity of 75W-80 but is boosted with extreme-pressure antiwear chemistry that allows it to perform like a heavier lubricant.

KL-506 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

### Primary Case Lubricant

**Usage :** Lubricant designed specifically for Harley-Davidson® Big Twin primary cases.

Klotz American V-Twin Primary Case Lubricant is designed for Harley-Davidson® Big Twin models. The primary additive package is optimized to prevent wear, oxidation, and corrosion. Shear stable polymers are used to ensure the fluid stays within its viscosity grade, even during severe operating conditions.

It penetrates rollers and links to improve lubricity and extend the life of chains and sprockets.

This synthetic fluid is also formulated to improve "feel" during clutch engagement and minimize slippage under power.

KH-C80 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

### Transmission Hypoid Lubricant

**Usage :** Lubricant designed specifically for Harley-Davidson® Big Twin transmissions.

Klotz American V-Twin Transmission Hypoid Lubricant is designed for Harley-Davidson® Big Twin transmissions. The primary additive package is optimized to protect transmissions from wear, oxidation, and corrosion. The formulation is boosted with additional extreme pressure antiwear chemistry to prevent gear damage, and friction modifiers to lower operating temperatures. Shear stable polymers are used to ensure the fluid stays within its viscosity grade, even during severe operating conditions.

KH-GL90 80W-90 10/1 Quart Bottles  
KJ-GL140 75W-140 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

### Gear and Chain Case Lubricant

**Usage :** Lubricant designed specifically for Harley-Davidson® Sportster gear and chain case equipment.

Klotz American V-Twin Gear and Chain Case Lubricant is designed for Harley-Davidson Sportster models. The primary additive package is optimized to prevent wear, oxidation, and corrosion. Shear stable polymers are used to ensure the fluid stays within its viscosity grade, even during severe operating conditions.

This formulation will penetrate rollers and links to improve lubricity and extend the life of chains and sprockets.

This synthetic fluid is also formulated to improve "feel" during clutch engagement and minimize slippage under power.

KH-S80 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

## V-TWIN OIL CHANGE KITS

### Basic Synthetic Engine Oil and Chrome Filter Kit vs Premium Complete Engine Oil and Chrome Filter Kit. What's the difference?

*Basic Synthetic Engine Oil and Chrome Filter Kits* contain synthetic engine lubricant, one chrome filter and one drain plug o-ring. Kits are available in four or five quarts.

*Premium Complete Engine Oil and Chrome Filter Kits* contain synthetic engine lubricant, one chrome filter, two or three drain plug o-rings, gear and chain case lubricant for Sportster® or transmission and primary chain case lubricant. Kits are available in four or five quarts.



Basic 4 Quart



Premium 4 Quart with Gear and Chain Case Lubricant for Sportster®



Premium 4 Quart with Transmission and Primary Chain Case lubricants



Basic 5 Quart



Premium 5 Quart with Gear and Chain Case Lubricant for Sportster®



Premium 5 Quart with Transmission and Primary Chain Case lubricants

#### Evolution Sportster® 1986-2022

- KH-105 Basic 4 Quart Synthetic Engine Oil and Chrome Filter Kit
- KH-104 Premium Complete 4 Quart Synthetic Oil Service Kit
- KH-111 Basic 5 Quart Synthetic Engine Oil and Chrome Filter Kit
- KH-110 Premium Complete 5 Quart Synthetic Oil Service Kit

#### Evolution Big Twin 1984-1999

- KH-103 Basic 4 Quart Synthetic Engine Oil and Chrome Filter Kit
- KH-102 Premium Complete 4 Quart Synthetic Oil Service Kit
- KH-107 Basic 5 Quart Synthetic Engine Oil and Chrome Filter Kit
- KH-106 Premium Complete 5 Quart Synthetic Oil Service Kit

#### Twin Cam 1999-2018 and Milwaukee-Eight 2017-2022

- KH-101 Basic 4 Quart Synthetic Engine Oil and Chrome Filter Kit
- KH-100 Premium Complete 4 Quart Synthetic Oil Service Kit
- KH-109 Basic 5 Quart Synthetic Engine Oil and Chrome Filter Kit
- KH-108 Premium Complete 5 Quart Synthetic Oil Service Kit

## SNOWMOBILE

### TWO-STROKE ENGINE



#### Snowmobile Techniplate

**Usage :** Two-stroke lubricant for vintage and modern recreational snowmobile engines.

Klotz Snowmobile Techniplate is an ashless high-performance lubricant for two-stroke snowmobile engines. Antioxidants and detergents mitigate high-temperature oxidation, deposit formation, and spark plug fouling. Dispersants reduce smoke generation. Surface-active antiwear chemistry protects against bearing and piston ring wear.

This formulation delivers outstanding low-temperature flow (pour point = -51°C), resists gelling, and maintains a tenacious coating on hardware between uses to protect the engine during cold start-ups.

Klotz Snowmobile Techniplate exceeds the performance requirements of NMMA TC-W3 and JASO FD. It is designed specifically for gasoline and can be used in pre-mixed, oil injected, and DFI equipment.

KL-215 10/1 Quart Bottles  
KL-216 4/1 Gallon Bottles  
KI-215 5 PL 5 Gallon Pail  
Available in 55 Gallon Drum



#### R-50

**Usage :** Two-stroke lubricant for racing engines with power valves.

Klotz R-50 is a lubricant developed exclusively for high-RPM, two-stroke racing engines with power valves. It uses a formulation that has been continually refined throughout Klotz's six decades of experience in motorsports. Its anti-wear chemistry prevents scuffing and protects bearings and piston rings. A blend of dispersants reduces smoke generation and mitigates high-temperature carbon and varnish deposits.

This formulation can be used with racing motorcycles, ATV/UTVs, snowmobiles, personal watercraft, karts, and micro sprints.

Klotz R-50 is intended for pre-mix only and is not suitable for oil injection systems. It is designed specifically to mix with gasoline.

KL-102 10/1 Pint Bottles  
KL-104 10/1 Quart Bottles  
KL-105 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



#### Super Techniplate

**Usage :** Two-stroke synthetic and castor blend for racing engines that encounter extremely high RPMs and temperatures

Klotz Super Techniplate is a high-performance lubricant designed specifically for two-stroke racing engines. Its unique formulation combines the benefits of Klotz Original Techniplate with Klotz BeNOL (castor lubricant). Its primary strength is maintaining a tenacious lubricating film on hardware, especially under high temperatures and RPMs.

Klotz Super Techniplate blends with alcohol and gasoline. It can be used with air-cooled or water-cooled engine architecture. The product is intended for pre-mix only and is not recommended for oil injection or power valve engines.

KL-103 10/1 Pint Bottles  
KL-100 10/1 Quart Bottles  
KL-101 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

### FOUR-STROKE ENGINE

#### SnowX4 Pure Estorlin

**Usage :** Four-stroke lubricant for modern recreational snowmobile engines.

Klotz Pure Estorlin SnowX4 is a high-performance lubricant designed specifically for modern four-stroke recreational snowmobiles. It provides outstanding oxidation performance, detergency, and wear protection (especially around valvetrain components during start-up). Additional boosters are added that include extreme pressure antiwear chemistry and multifunctional friction modifiers to reduce oil temperatures. It also uses advanced polymers to improve piston ring sealing and optimize power and efficiency.

This formulation delivers excellent low-temperature flow and pumpability, resists gelling, and maintains a tenacious coating on hardware between uses to protect the engine during cold start-ups.

Klotz Pure Estorlin SnowX4 will exceed the performance requirements of JASO Quality Category SN.

KE-830 0W-30 10/1 Quart Bottles  
KE-840 0W-40 10/1 Quart Bottles  
KE-850 0W-50 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum





# SNOWMOBILE

## GEAR AND CHAIN CASE

### Chain Case Lubricant

**Usage :** Lubricant for the enclosed chain cases of powersports equipment..

Klotz Chain Case Lube is a lubricant designed specifically for the enclosed chain cases of snowmobiles and similar powersports equipment. The formulation is based on graphite friction modifying chemistry and provides excellent lubricity and wear protection, even under extreme ambient conditions.

Klotz Chain Case Lube repels water and prevents corrosion. It can also be used as a penetrant to loosen stiff chain links.

KL-500 10/12 Ounce Bottles



### Pure Estorlin Free-Gear Hypoid Synthetic Gear Lubricant

**Usage :** Hypoid gear lubricant for racing differentials.

The primary additive package is designed specifically to protect hypoid gearsets from wear and corrosion. The formulation is boosted with additional corrosion inhibitors, friction modifiers, and extreme pressure antiwear chemistry to further enhance performance.

It also contains air release agents to suppress foam and prevent aeration during high-speed operation. These products are compatible with most seal materials and exceed the performance requirements of API GL-5.

KE-975 75W-80 10/1 Quart Bottles  
KE-980 75W-90 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



# KART

## TWO-STROKE ENGINE



### Original Techniplate

**Usage :** Two-stroke lubricant for legacy or vintage powersports engines.

Klotz Original Techniplate is a high-performance lubricant designed for legacy two-stroke motorcycle, ATV, and marine engines. It can also be used with two-stroke and four-stroke glow engines that power radio-controlled aircraft. It is engineered specifically to prevent wear, mitigate internal deposits, and reduce smoke generation.

Klotz Original Techniplate is ideally suited for use with alcohol or glow engine fuel. The product is intended for pre-mix only and is not recommended for oil injection systems.

KL-200 10/1 Quart Bottles  
KI-205 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



### Super Techniplate

**Usage :** Two-stroke synthetic and castor blend for racing engines that encounter extremely high RPMs and temperatures

Klotz Super Techniplate is a high-performance lubricant designed specifically for two-stroke racing engines. Its unique formulation combines the benefits of Klotz Original Techniplate with Klotz BeNOL (castor lubricant). Its primary strength is maintaining a tenacious lubricating film on hardware, especially under high temperatures and RPMs.

Klotz Super Techniplate blends with alcohol and gasoline. It can be used with air-cooled or water-cooled engine architecture. The product is intended for pre-mix only and is not recommended for oil injection or power valve engines.

KL-103 10/1 Pint Bottles  
KL-100 10/1 Quart Bottles  
KL-101 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



### BeNOL

**Usage :** Two-stroke castor oil for racing engines that encounter extremely high RPMs and temperatures.

Klotz BeNOL is a high-performance lubricant designed specifically for small, high-output two-stroke engines. BeNOL differs from other Klotz two-stroke motorsports lubricants because it uses highly refined castor base stocks instead of petroleum base stocks. Castor oil is biodegradable and maintains a tenacious lubricating film on hardware, even under high temperatures and RPMs.

BeNOL's anti-wear chemistry prevents scuffing and protects bearings and piston rings. It also reduces smoke generation and mitigates carbon deposits.

This product can be used with racing motorcycles, ATV/UTVs, personal watercraft, karts, and micro sprints. It can also be used in two-stroke and four-stroke glow engines commonly found in radio-controlled aircraft.

Klotz BeNOL is intended for pre-mix only and is not suitable for oil injection systems. It is not recommended for use in ambient temperatures below 35°F. It will blend with gasoline, E-85, and alcohol.

BC-175 10/1 Pint Bottles  
BC-172 10/1 Quart Bottles  
BC-171 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

## FOUR-STROKE ENGINE

### Pure Estorlin Junior Dragster Engine Lubricant

**Usage :** Four-stroke lubricant for small displacement, air-cooled, splash lubricated Junior Dragster engines.

Klotz Pure Estorlin Kart is a high-performance lubricant designed for small displacement, high-RPM karting engines. Its formulation contains multiple surface-active antiwear additives to protect camshafts, piston rings, and lifters from wear. Air release chemistry mitigates aeration and foaming in splash lubricated systems. Synthetic base oils and shear-stable polymers allow the lubricant to maintain its performance and viscosity in the presence of elevated fuel dilution levels. The primary additive package is boosted with additional antioxidants to prevent thermal degradation in air-cooled engines. It also contains a cocktail of surface-active friction modifiers to improve lubricity and maximize engine output.

These products come in a wide range of viscosity grades to suit various karting applications.

KE-250 10/1 Quart Bottles



### Pure Estorlin Kart

**Usage :** Four-stroke lubricant for small displacement, air-cooled, splash lubricated karting engines.

Klotz Pure Estorlin Kart is a high-performance lubricant designed for small displacement, high-RPM karting engines. Its formulation contains multiple surface-active antiwear additives to protect camshafts, piston rings, and lifters from wear. Air release chemistry mitigates aeration and foaming in splash lubricated systems. Synthetic base oils and shear-stable polymers allow the lubricant to maintain its performance and viscosity in the presence of elevated fuel dilution levels. The primary additive package is boosted with additional antioxidants to prevent thermal degradation in air-cooled engines. It also contains a cocktail of surface-active friction modifiers to improve lubricity and maximize engine output.

These products come in a wide range of viscosity grades to suit various karting applications.

KE-200 0W-20 10/1 Quart Bottles  
KE-230 0W-30 10/1 Quart Bottles  
KE-240 0W-40 10/1 Quart Bottles  
KE-225 5W-20 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum





# R/C MODEL

## R/C Modelube Gasburner



**Usage:** Lubricant for two-stroke, spark ignition engines in radio-controlled model cars, boats, airplanes, and helicopters.

Klotz R/C Modelube Gas Burner is a high-performance lubricant designed for the two-stroke, spark-ignition engines found in radio-controlled model cars, boats, airplanes, and helicopters. Klotz R/C Modelube Gas Burner mitigates deposits and spark plug fouling. It contains dispersants to reduce smoke generation, protects against wear, and promotes easier starting. It also improves throttle response.

This product can be used as an after-run lubricant because it contains corrosion inhibitors.

Klotz R/C Modelube Gas Burner exceeds the performance requirements of NMMA TC-W3 and JASO FD. It is designed for pre-mixed gasoline applications only and is not intended for use with glow fuel.

KL-310 10/1 Pint Bottles  
Available in 55 Gallon Drum

## LITE Techniplate



**Usage:** Low-viscosity alternative to standard Klotz two-stroke R/C model lubricants.

Klotz LITE Techniplate is a lightweight alternative to the standard Techniplate two-stroke lubricants. Its low viscosity improves throttle response, low temperature pumpability, and fuel economy while still providing the necessary lubricity for smooth engine speed transitions. It also maintains the standard Techniplate formulation's ability to mitigate wear, deposits, and smoke generation.

Klotz LITE Techniplate is intended for pre-mix only and is not suitable for oil injection systems. It blends with gasoline, alcohol, and nitromethane.

KL-198 10/1 Quart Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

## HELIGLO



**Usage:** Lubricant for two-stroke and four-stroke glow engines used in radio-controlled helicopters.

Klotz HeliGlow is a high-performance lubricant designed specifically for two-stroke and four-stroke radio-controlled helicopter glow engines. It promotes easier starting and provides the necessary lubricity for smooth engine speed transitions. The formulation also contains dispersants to minimize smoke generation, and air release chemistry to prevent foaming during flight.

This product will mitigate 'four-stroking', which is a common problem in two-stroke radio-controlled helicopters where combustion does not consistently occur every two cycles.

Klotz HeliGlow is intended for pre-mix only and is not suitable for oil injection systems. It blends with gasoline, E-85, alcohol, and nitromethane.

KL-189 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



## Original Techniplate

**Usage:** Two-stroke lubricant for legacy or vintage powersports engines.

Klotz Original Techniplate is a high-performance lubricant designed for legacy two-stroke motorcycle, ATV, and marine engines. It can also be used with two-stroke and four-stroke glow engines that power radio-controlled aircraft. It is engineered specifically to prevent wear, mitigate internal deposits, and reduce smoke generation.

Klotz Original Techniplate is ideally suited for use with alcohol or glow engine fuel. The product is intended for pre-mix only and is not recommended for oil injection systems.

KL-200 10/1 Quart Bottles  
KL-205 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



## Super Techniplate

**Usage:** Two-stroke synthetic and castor blend for racing engines that encounter extremely high RPMs and temperatures

Klotz Super Techniplate is a high-performance lubricant designed specifically for two-stroke racing engines. Its unique formulation combines the benefits of Klotz Original Techniplate with Klotz BeNOL (castor lubricant). Its primary strength is maintaining a tenacious lubricating film on hardware, especially under high temperatures and RPMs.

Klotz Super Techniplate blends with alcohol and gasoline. It can be used with air-cooled or water-cooled engine architecture. The product is intended for pre-mix only and is not recommended for oil injection or power valve engines.

KL-103 10/1 Pint Bottles  
KL-100 10/1 Quart Bottles  
KL-101 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum



## BeNOL

**Usage:** Two-stroke castor oil for racing engines that encounter extremely high RPMs and temperatures.

Klotz BeNOL is a high-performance lubricant designed specifically for small, high-output two-stroke engines. BeNOL differs from other Klotz two-stroke motorsports lubricants because it uses highly refined castor base stocks instead of petroleum base stocks. Castor oil is biodegradable and maintains a tenacious lubricating film on hardware, even under high temperatures and RPMs.

BeNOL's anti-wear chemistry prevents scuffing and protects bearings and piston rings. It also reduces smoke generation and mitigates carbon deposits.

This product can be used with racing motorcycles, ATV/UTVs, personal watercraft, karts, and micro sprints. It can also be used in two-stroke and four-stroke glow engines commonly found in radio-controlled aircraft.

Klotz BeNOL is intended for pre-mix only and is not suitable for oil injection systems. It is not recommended for use in ambient temperatures below 35°F. It will blend with gasoline, E-85, and alcohol.

BC-175 10/1 Pint Bottles  
BC-172 10/1 Quart Bottles  
BC-171 4/1 Gallon Bottles  
Available in 5 Gallon Pail and 55 Gallon Drum

# SPECIALTY

## K-KLEAR

Klotz Klear (K-Klear) is an anti-fog gel designed specifically for motorsports and powersports applications. This product is non-abrasive, non-toxic, biodegradable, and silicone free. It stops fogging on helmet visors, goggles, windshields, and windscreens. Klotz Klear also creates a thin film on surfaces that facilitates cleaning (such as removing bug residue from a motorcycle windscreen).

The small package comes with a microfiber cloth that is unstitched to avoid scratching surfaces. The large package comes with an applicator pad to facilitate the gel's use on big areas.

KS-400 1.25 oz.  
KS-415 12 oz.



## Plug and Contact Cleaner

Klotz Plug & Contact Cleaner is an aerosol spray that quickly penetrates oil, carbon, tar, adhesives, and varnish. It displaces water and evaporates quickly without leaving any residue. The fluid is non-conductive, so it can be used on sensors and around electrical components.

Klotz Plug & Contact Cleaner is designed specifically to remove deposits from spark plugs and prepare metal surfaces for gaskets and seals.

This product is not intended for use on painted or plastic surfaces.

KL-609 10/12.5 oz. Can



## Filter Cleaner

Klotz Filter Cleaner is an aerosol spray designed for high-performance or extended-life air filters. It removes dirt and contaminants to restore lost performance and prolong filter life. It is formulated with citrus-based cleaning agents that are extremely effective at dissolving oil residue and rinse easily with water. Klotz Filter Cleaner can be used with foam or fabric filter media.

This product also performs extremely well as a general-purpose degreaser.

KL-608 10/15.5 oz. Can



## Chain Lube

Klotz Synthetic chain lube is an aerosol lubricant designed for motorcycle, powersports, and karting chains. It combines a highly refined base oil with friction reducers, anti-wear additives, and extreme pressure boosters. The formulation also includes a shear stable tackifier to improve adhesion and reduce sling.

This product repels water and prevents corrosion. It can also be used as a penetrant to dissolve dirt and loosen stiff chain links.

Klotz Chain Lube will work with both conventional and o-ring type roller chains.

KL-605 10/15.5 oz. Cans



## KCP-22

Klotz KCP22 is a multifunctional metal protectant for motorsports, manufacturing, and industrial applications. It forms a protective boundary without leaving a thick or sticky film that will attract dirt and debris. It is easier to apply and remove than traditional petroleum wax products. It can be used as either a corrosion inhibitor or an anti-spatter coating for welding and laser cutting.

KS-300 4/1 Gallon Bottle



## Foam Air Filter Oil

Klotz Foam Air Filter Oil is designed for high-performance and extended-life air filters that use foam materials. The oil improves the filter's ability to trap dust, dirt, and fine particulate matter as small as one micron. It also protects the filter material from damage due to water/moisture ingestion. The fluid is quickly absorbed by the filter media to limit excessive run-off during application. The formulation uses low volatility base oils to resist premature drying.

KL-606 10/15.25 oz. Can



## Fabric Air Filter Oil

Klotz synthetic fabric air filter oil is designed for high-performance and extended-life air filters that use fabric pleats. The oil improves the filter's ability to trap dust, dirt, and fine particulate matter as small as one micron. It also protects the filter material from damage due to water/moisture ingestion. The fluid is quickly absorbed by the filter media to limit excessive run-off during application. The formulation uses low volatility base oils to resist premature drying.

KL-607 10/15.25 oz. Can



## Clear Chain Lube

Klotz Clear Chain Lube is an aerosol lubricant designed for motorcycle, powersports, and karting chains. This formulation functions more like a spray-on coating than a spray-on lubricant. It dries quickly and completely (and is not tacky) to minimize the amount of dirt and contaminants that adhere to the chain. It is extremely effective at repelling water and preventing corrosion. This product is heat activated and will not provide maximum lubricity until the chain is warm.

Klotz Clear Chain Lube will work with both conventional and O-Ring type roller chains.

KL-611 10/16 oz. Can





