



**Consumer Lubricants  
Get More From Your Machines!**





# LUBRICATION DOMINATION®

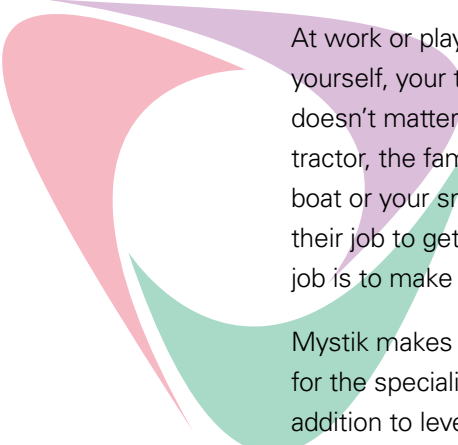


1. Look • rick • a • shun Dahm • in • na • shun | noun | state achieved when mechanical parts function at the highest level and receive superior protection against failure 2. Confidence gained once one learns that products have been engineered specifically for your machine 3. the ability to overcome and handily defeat terrain conditions and challenges (Origin: 1923-50, ME lubrication, < AF lube agriculturus oiler)



# Work hard. Play hard. Rest easy.

## With Mystik® Lubricants, your machines can take it.



At work or play you expect the most from yourself, your tools and your equipment. It doesn't matter if it's a lawn tractor or a farm tractor, the family car or the work truck, your boat or your snowmobile—they all must do their job to get you where you're going. And our job is to make all that possible.

Mystik makes a full line of specialized lubricants for the specialized equipment in your life. In addition to leveraging all the required technical and scientific expertise needed to formulate high-performance lubricants, the Mystik team brings a passion for performance to the job. We get out into the real world to experience for ourselves how equipment is used and abused so we can make sure that our products enable your tools, machines and equipment to perform

at their best under any condition. We want nothing to stand in your way – not the gas, not the machine, not the oil, not the elements.

It's this passion, expertise and desire to push everything to the limit, every chance we get, that brings better performance and more life to your equipment. This way you can concentrate on the job, the deadline, the elapsed time, the air, the catch, the speed—or however you measure performance, fun and results.





## Mystik Delivers: The Platinum Plus Performance Series, Platinum Performance Series and Gold Performance Series Approach

Because we recognize the unique demands of purpose-built equipment and the individual needs of our drivers, riders and operators, we have engineered our products to meet three different performance levels and customer needs. To help you make the right choice for your specific needs, we offer products in three categories:

### **Platinum Plus Performance Series –**

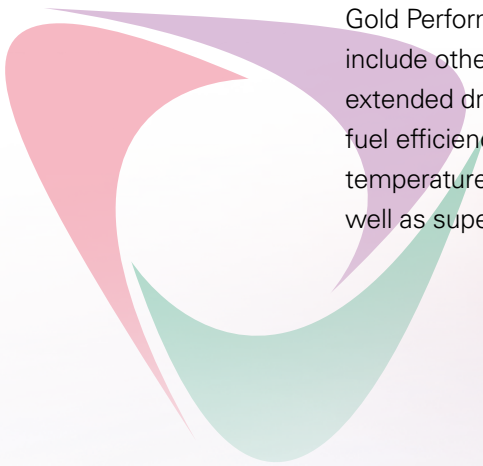
These products, often synthetic, offer the benefits of Platinum Performance and Gold Performance Series products, but include other added-value benefits such as extended drain interval capability, increased fuel efficiency, improved extreme-temperature properties and cleanliness as well as superior protection against wear.

**Platinum Performance Series –** These state-of-the-art products include the benefits of Gold Performance Series products, but are often created to meet or exceed additional specific performance requirements.

**Gold Performance Series –** These high-quality products are manufactured with the latest technologies to provide superior performance in normal operating conditions and meet industry specifications.

The Mystik consumer product lines include automotive, powersports and marine, and outdoor power equipment lubricants. Every product is precisely formulated for its specific application and to keep your machines performing at their peak.

So if you have a passion for performance, just try Mystik, that's what the JT in the name stands for. Our lubricants will help your machines, vehicles and tools work as hard—and play as hard—as you do.





## **Mystik Backs You Up with Top-Notch Technical Support, Best-in-Class Product Warranties and World-Class Customer Service**

We maintain a specialty laboratory staffed by engineers and scientists who are lubrication pros. Our lube product specialists are also available to help solve specific application challenges and recommend the most suitable lube solutions.

We don't just comply with current worldwide product standards, we meet and exceed them while helping to guide their development. Our engineers, scientists and on-site experts work closely with equipment builders and professional organizations like the American Petroleum Institute (API), International Lubricant Standardization and Approval Committee (ILSAC), National Lubricating Grease Institute (NLGI) and other groups working to create, standardize and guide development of lubrication products.

Our customer service and product answer lines allow you easy access to lubrication professionals when you have questions about programs, warranties or product applications. We also offer customized programs designed to help extend equipment life and give you the confidence you need to push your equipment to its limit.

Whether you're pushing your drivetrain to maximize performance on the road, rushing to get your harvest in or relying on many pieces of equipment, we'll deliver the performance you need possible with our products and services.





# Automotive Lubricants

## Motor Oils

Mystik has high quality motor oils, power transmission fluids, gear oils and greases that can help your car, light truck, SUV or van run better and longer.

## Platinum Plus Performance Series



**JT-8® Premium Gasoline Synthetic Motor Oils** are well balanced combinations of today's highest-quality synthetic base stocks and contain an advanced additive system that will meet stringent automotive specifications. They are designed to provide excellent protection in today's high-performance gasoline engines (including turbocharged and supercharged engines) in passenger cars, vans, sport utility vehicles and light trucks. They meet the most advanced emissions and fuel economy standards in U.S. gasoline engines and synthetic oils also offer extended drain capabilities and increased fuel economy.

### SAE Grades:

0W-20, 5W-20, 5W-30

### Recommended by Mystik for:

- API SN
- ILSAC GF-5/Resource Conserving
- Passenger cars, SUVs and light trucks operating on gasoline
- Gasoline engines that have been converted to operate on compressed natural gas (CNG), liquefied natural gas (LNG) and liquefied petroleum gas (LPG), which includes propane and butane
- GM dexos 1™ (5W-30)
- Honda and Toyota (0W-20)

## Platinum Performance Series

**JT-8 Premium Gasoline Motor Oils**, with their advanced, fuel efficient synthetic blend formula, meet or exceed the latest warranty requirements of car manufacturers for gasoline engines, and meet the latest API Performance and Energy Conserving ratings. Their premium quality detergent/dispersant formulation guards against sludge, reduces deposits and protects against rust, corrosion and wear. These oils provide optimum viscosity and thermal stability and are recommended for all carburetor-equipped or fuel-injected gasoline engines, including turbocharged, supercharged and other high-performance models.

### SAE Grades:

5W-20, 5W-30, 10W-30

### Recommended by Mystik for:

- API SN
- ILSAC GF-5/Resource Conserving
- Passenger cars, sport utility vehicles and light trucks operating on gasoline
- Gasoline engines that have been converted to operate on compressed natural gas (CNG), liquefied natural gas (LNG) and liquefied petroleum gas (LPG), which includes propane and butane







***"I use Mystik Lubricants in everything! From our race sleds to all of our vehicles, construction equipment and rock crushers! Mystik synthetic oils give our race sleds the performance we need to win races, and the dependability we needed to catapult Levi over 412 feet through the air. Using Mystik synthetic grease is like an insurance policy for all of my equipment! It sticks like glue and will not pound out, saving us tens of thousands of dollars per year!"***

— Glenn Kafka, Lead Mechanic, Team LaVallee





### Why use synthetics?

Before petroleum-based oils became popular, vegetable or animal-based products like whale oil were widely used for lubrication purposes. Following their introduction, lubricants formulated from a petroleum base eventually came to dominate most applications, especially those involving transportation and machinery.

The term “synthetic oil” refers to a lubricant that is synthesized from chemical compounds. Although today we would consider animal or vegetable-based oils to be synthetic, the real beginnings of today’s synthetic lubricants began to emerge during World War II, when the uncertain availability of petroleum supplies combined with the rapid development of high-performance aircraft to spur the development of new lubrication technology.

Today, technical advances in vehicle and machinery design, significantly expanded capabilities, environmental constraints and other factors often demand better performance than what can be achieved using petroleum-based lubricants. A variety of synthetic and semi-synthetic products are available.

Compared to conventional lubricants, synthetic can offer:

- Better viscosity performance at temperature extremes
- Improved chemical and shear stability (which is a lubricant’s ability to resist changes in viscosity)
- Better resistance to oxidation and thermal breakdown
- A higher flash point
- Natural detergency
- A high viscosity index, or VI (a measure of an oil’s change in viscosity with changes in temperature; the higher the VI, the less change in viscosity with changes in temperature)



For these reasons, synthetic lubricants typically offer the best performance. But not every application requires a synthetic lubricant. Some applications require synthetics, while in others—like vehicles and heavy equipment—the value of their use depends on the demands placed on the machinery or the environment in which it operates.

For the average consumer, synthetic lubricants can be a major advantage in very high or very low operating temperature ranges and when an engine regularly operates under a high load. In addition, thanks to their thermal stability and resistance to oxidation, their natural detergency and other characteristics, they can also safely extend oil change intervals, offering a significantly longer service period.

Mystik JT-8 Premium Gasoline Synthetic Motor Oils make strategic use of synthetic lubrication technology to provide exceptional performance.





## Power Transmission Fluids

Mystik supplies a range of transmission/hydraulic fluids to keep your vehicles and equipment running smoother and longer.

## Platinum Performance Series

### Synthetic Blend Multi-Vehicle ATF (automatic transmission fluid)

contains the highest quality synthetic and mineral oil base stocks combined with a state-of-the-art additive system to provide superior performance in automatic and powershift transmissions. It provides superior oxidation and thermal stability, excellent low temperature flow properties and delivers outstanding anti-wear performance. It is compatible with a wide range of seal materials and exceeds JASO 1A for anti-shudder protection and durability. Always check owners manual for appropriate fluid recommendation.

#### Recommended by Mystik for:

- Allison
- BMW
- Ford MERCON® and MERCON V
- GM DEXRON®, DEXRON-II/IIIE, DEXRON-III
- Honda, Acura
- Mitsubishi, Kia, Hyundai
- Nissan
- Toyota, Lexus
- Volkswagen
- ZF

## Gold Performance Series

**Multi-Purpose ATF** is a multi-function automatic transmission fluid manufactured from selected high-quality base stocks and additives. It protects transmission parts against rust, corrosion and wear.

#### Recommended by Mystik for:

- Allison Type C-3, C-4
- Caterpillar TO-2
- Daimler-Benz DKA
- DEXRON-III
- Ford MC2138CJ, M2C166H, MERCON
- Parker Denison HF-0, HF-1, HF-2
- Renk Doromat 873, 874
- Sperry Vickers I-286-S, M-2950-S







**JT-5® Universal Trans-Hydraulic Fluid**

provides excellent performance in modern agricultural equipment. It offers outstanding gear wear protection, brake chatter control and oxidation resistance. Excellent filterability characteristics along with rust and corrosion inhibitors, water tolerance, and wide temperature range performance make it well-suited for hard-working applications where an added level of protection is needed.

**Recommended by Mystik for:**

- Allison C-4
- API GL-4
- Case New Holland MAT 3525
- Caterpillar T0-2
- Eaton performance standards as specified in brochure 03-401-2010
- John Deere J20C
- Kubota UDT
- Massey Ferguson M-1145
- Parker Denison HF-0, HF-1, HF-2





## Why does a lubricant need additives?

Think about how our machines have changed over the last 10, 20 or 30 years. Today's cars and trucks consume less fuel and produce fewer emissions. Today's outboard motors are far more reliable than in the past. And many industries have seen dramatic enhancements in machine performance, capabilities and reliability.

Many of these achievements would be impossible without corresponding advances in the lubricants they use. And many of these advances are the result of additives. Although additives constitute a relatively small portion



of most lubricants (they typically make up 15-25 percent of multi-grade motor oils and small engine oils), their presence can have a significant impact on performance.

Shown below are the major additives being used in lubricants today, along with the benefits they provide:

Additive	Benefit
Anti-oxidants	Protect the lubricant from premature aging; Neutralize the acidic by-products of combustion
Anti-wear agents	Enhance protection against wear
Detergents	Keep surfaces clean
Dispersants	Help ensure that sludge and dirt stay suspended so they can be removed upon oil change
Friction modifiers	Enhance the lubricating quality of the base oil
Rust and corrosion inhibitors	Reduce rust and corrosion
Viscosity index improvers	Enable effective lubrication at temperature extremes and pour-point depressants

Without additives, base oils cannot do the job that today's vehicles and machines demand.

The critical element in producing superior performance is understanding the specific application and the environment to which the lubricant is exposed. Mystik maintains the scientific and technical expertise to understand these issues, continually engaging standards organizations, original equipment manufacturers (OEMs) and customers to produce optimal formulations using the right additive systems for a broad range of lubricant needs.



## Gear Oils

Mystik gear oils help keep your equipment moving in the most extreme conditions.



### Gold Performance Series

#### JT-7® Synthetic Blend 75W-90 Gear

**Lubricant** provides energy efficiency benefits and excellent protection in heavy duty service over wide temperature ranges. It is designed with select synthetic base lubricants and provides extreme pressure (EP) protection to minimize wear and scuffing. With superior thermal stability for long service life, it is shear stable and suitable for use in non-synchronized manual transmissions in buses and heavy-duty trucks.

#### SAE Grade:

75W-90

#### Recommended by Mystik for:

- API GL-5, GL-4, MT-1
- Former GL-6
- Mack GO-J, GO-H/S
- Meritor (formerly Rockwell International) O-76-E
- MIL-PRF-2105E
- SAE J2360

**Multi-Duty GL-5 Gear Lubricant** contains a sulfur-phosphorous EP additive that provides anti-wear and anti-scuff lubricity under severe service conditions. It is recommended for add-to, drain and refill or break-in of hypoid gears.

#### SAE Grade:

80W-90

#### Recommended by Mystik for:

- API GL-3, GL-4, GL-5
- MIL-PRF-2105E

**JT-7 Multi-Purpose Gear Lubricants** are thermally stable, sulfur-phosphorus EP gear lubricants that exceed the performance requirements of the latest axle and non-synchronized manual transmission specs. A specially balanced additive provides exceptional durability under high-temperature conditions. These lubes can withstand heat and continue to provide superior EP protection, minimum gear wear, excellent deposit control and improved rust and corrosion protection under extreme service conditions.

#### SAE Grades:

80W-90, 85W-140

#### Recommended by Mystik for:

- API GL-5, GL-4, MT-1
- Former GL-6
- Mack GO-J
- MIL-PRF-2105E
- SAE J2360

**Universal Gear Lubricant** contains a sulfur-phosphorus EP additive that provides anti-wear and anti-scuff lubricity, and is recommended for gears subject to shock loading in service and for those gear set types requiring EP additive compounding because of their design characteristics. It economically satisfies applications where large loss due to leakage is a concern. It can also be used for add-to in automotive axles requiring a hypoid EP lube (except those incorporating "limited slip" or "anti-spin" features).

#### SAE Grade:

90

#### Recommended by Mystik for:

- API GL-3, GL-4



## What should I know about viscosity?

Viscosity is a measure of a fluid's resistance to flow. The ability to flow in a predictable fashion is a defining characteristic of a lubricant whose sole purpose is to repeatedly permit two surfaces to slide across each other without excess friction, heat or damage.

Technically, viscosity is defined as shear stress (the force with which a liquid slides or moves) divided by the shear rate (the speed at which the liquid slides). At room temperature, water has a viscosity of 1 cP (CentiPoise); peanut butter has a viscosity of 250,000 and automotive motor oils are typically in the 200 - 400 range.

One of the most important characteristics of viscosity is that it varies inversely with temperature: As temperature goes up, viscosity goes down, and vice-versa.

That relationship poses a challenge in formulating lubricants. Consider a truck sitting outside on a very cold morning. At start-up, its oil will



be much more viscous than after it has warmed up to normal operating temperatures. But, you can't wait for a machine's operating temperature to reach a certain point before a lubricant works; machines need lubrication whenever they're running. That's why multi-grade oils were developed. A 10W-30 motor oil, for instance, is a formulation that combines

a less-viscous 10W oil to provide the right viscosity for low-temperature starting and initial operation, with a more viscous 30-weight oil to provide the proper viscosity after the engine has warmed up and is operating under a load.

For these and related reasons, lubricant makers focus attention on maintaining the appropriate viscosity to enable the lubricant to do its job across the entire range of operating and environmental conditions that the vehicle or machine will experience.

Across its entire product line, Mystik leverages its expertise to optimize every key parameter of a lubricant, delivering lubrication solutions that improve performance, protect investments and provide the best benefits for businesses and consumers alike.







## Greases

Mystik supplies a range of greases, both special-purpose and for general use, for all kinds of lubrication needs.

### Platinum Plus Performance Series

**JT-6 Synthetic Hi-Temp Greases** are high-temperature, full-synthetic, lithium-complex greases that combines excellent multi-purpose properties with a high dropping point for use over a wide temperature range. They exhibit a high Timken OK Load in addition to providing excellent Four-Ball Wear, extreme pressure (EP) performance and superior corrosion resistance. They provide outstanding protection in automotive, agricultural, trucking, mining, construction and industrial applications.

#### NLGI Grade:

#1 (100), #2 (100), #2 (220)

#### Recommended by Mystik for:

- Construction equipment, mining operations and sand/gravel plants subject to shock loads placed on bearings (220)
- High-speed bearings (100)
- Chassis grease category LB (220)
- Wheel bearing grease category GC (220)
- Severe service requirements such as disc brake wheel bearings, back hoe hinge pins and conveyor bearings (220)

### Platinum Performance Series

**JT-6 Synthetic Blend Grease** is a premium quality, multi-purpose, high-temperature, lithium-complex EP grease with excellent low temperature properties. Engineered to protect under severe operating conditions, it contains EP/anti-wear, rust- and oxidation-inhibitor additives to provide superior protection. It is categorized as excellent high-to-low temperature multi-purpose grease due to its ability to lubricate over a very broad temperature range in a wide variety of automotive, agricultural, trucking, industrial, mining, and construction applications.

#### NLGI Grade:

#2

#### Recommended by Mystik for:

- Surface corrosion protection of vehicles and equipment operated over the temperature range of -54 to 180°C (-65 to 356°F), including a wide variety of automotive, agricultural, trucking, industrial, mining and construction equipment
- High-speed bearings
- Chassis grease category LB
- Wheel bearing grease category GC





*"Once we started using Mystik Lubricants, we began to notice how smooth our engines ran and how much cleaner our exhaust valves were. And one of my favorite products is the Mystik JT-6 Synthetic Blend Grease. We use it on all the moving joints in the suspension on our snowmobiles because of its excellent lubrication in the extreme cold temperatures we race in."*

— Levi LaVallee  
Team LaVallee  
World-Record Holder  
Snowmobile Distance Jump







**JT-6 Hi-Temp Greases** are lithium-complex greases that combine excellent multi-purpose properties with a high dropping point for use over a wide temperature range. They exhibit a high Timken OK Load in addition to providing excellent Four-Ball Wear and EP performance. They provide outstanding protection in automotive, agricultural, trucking, mining, construction and industrial applications.

**NLGI Grades:**

#1, #1.5, #2

**Recommended by Mystik for:**

- Chassis grease category LB
- Wheel bearing grease category GC
- Construction equipment, mining operations and sand/gravel plants subject to shock loads placed on bearings

**JT-6 Hi-Temp Grease with Moly** is a high-performance mining and construction grease that provides superior performance where a moly-compounded adhesive, multi-purpose, high-temperature, lithium-complex grease is required. Its 3% molybdenum disulfide (moly) content handles extreme service conditions and helps provide optimum protection in severe environments. Additionally, it is fully additive treated, protecting against EP, rust, oxidation and wear.

**NLGI Grade:**

#2

**Recommended by Mystik for:**

- Caterpillar
- Heavy-duty agricultural, automotive, construction, industrial, mining and trucking equipment
- Ford ESA-M1C75-B
- Mack Multi-Purpose MG-C



**JT-6 Lo-Temp Extreme Grease** is a low to medium temperature range multi-purpose grease for bearings and grease-lubricated chassis applications. It is light-colored, low-staining, water-resistant, and provides anti-wear protection under high loads. It performs well in extremely cold temperatures where minimum friction is necessary and where high speeds are involved.

**NLGI Grade:**

#2

**Recommended by Mystik for:**

- Equipment stored or used intermittently
- Excellent rust protection
- Extremely cold temperatures
- High speeds
- Minimum friction

**JT-6 Multi-Purpose Grease** is a water-resistant product. It is light-colored, low-staining and has a very low oil separation rate. It provides excellent anti-seize protection under high loads, and is fully rust and oxidation inhibited. This product is a medium-temperature range multi-purpose grease for EP loads and slow-to-medium-speed bearings. It is also available in an aerosol form for penetrating hard-to-reach points.

**NLGI Grade:**

#2

**Recommended by Mystik for:**

- EP loads, slow- to medium-speed bearings such as greased chassis points, fifth wheels and water pumps
- Use where extended lubrication intervals are practical, where highly loaded or shock-loaded grease-lubricated applications exist or where excellent rust protection is required

## Gold Performance Series

**General Purpose Grease** is an economical, multi-purpose, water-resistant grease especially suited for normal temperature and speed conditions and non-critical service applications. It is especially economical for applications requiring frequent re-greasing due to a contaminating environment.

**NLGI Grade:**

#2

**Recommended by Mystik for:**

- Multi-purpose in equipment running under normal temperature and speed conditions





## What goes into a grease?

Virtually all lubricants today are formulations, or a number of different ingredients combined so as to meet the needs of a specific application. The same is true of greases. Whether for your car or truck, in your workshop or garage, or for your lawn and garden tools, greases typically consist of three kinds of ingredients—base oils, thickening agents and additives.

**Base oils**, which typically constitute between 80 and 95 percent of a finished grease, are highly refined or synthetic oils that are chosen to optimize mobility at low temperatures, provide oxidation stability, and minimize bleeding or oil separation.

**Thickening agents** hold the base oil in place, give grease its unique texture and solid or semi-solid form and enhance its performance. Depending on the target application, thickening systems may include aluminum, calcium, lithium, clay or other materials.

A variety of **additives** are included to impart specific capabilities to the grease. Just as in other lubricants, additives are used to inhibit rust and oxidation, provide water resistance and protect against extreme pressure and high shock loads. In some cases, dyes are even added to help identify the right grease for a particular application.

The key to offering optimum performance is thoroughly understanding each application and combining the most appropriate ingredients into formulations that meet equipment needs while successfully balancing other priorities like ease of use and safety.

Today, Mystik greases are protecting some of the biggest investments in resource-intensive industries like mining, forestry and steelmaking, that rely on the biggest machines to get their work done. Unlike many competitors that buy grease development packages from vendors, Mystik fully customizes all formulations in our proprietary, cutting-edge, in-house lab. Our lab emphasizes the continual advancement of grease to meet the most demanding applications. While consumer applications typically don't involve such high stakes, they benefit from the same technologies we apply to the most demanding applications.







***"The Mystik Lubricants product line is one that offers solutions for some of the hardest working equipment in our lives. The fact that Mystik produces lubricant solutions for everything from industrial and farming equipment to recreational vehicles, gives me peace of mind. Now I know I can play as hard as I work!"***

— Daryl Rath, Rath Racing, ATV National Champion





# Powersports and Marine

## Motor and Engine Oils

Whether your passion for the outdoors includes an ATV, snowmobile, personal watercraft or outboard motor, Mystik helps you go longer, better, cleaner and faster.



### Platinum Plus Performance Series

**JT-4® Synthetic 4-Cycle All-Terrain Vehicle Motor Oil** uses premium synthetic base oils combined with a special synthetic additive system to provide outstanding protection for high-performance all-terrain vehicle (ATV) and utility vehicle (UTV) engines. This balance of synthetic components enhances fuel economy, improves cold-temperature performance and high-temperature thermal and oxidation stability while delivering the best protection against engine wear, rust and corrosion; it also ensures engine cleanliness.

#### SAE Grades:

0W-40, 10W-40

#### Recommended by Mystik for:

- API SL
- JASO MA
- NMMA® FC-W®
- 4-cycle gasoline-powered ATVs and UTVs, including those manufactured by Arctic Cat, Bombardier, Honda, Kawasaki, Polaris, Yamaha and other original equipment manufacturers

#### JT-4 Synthetic 2-Cycle Personal Watercraft

**Engine Oil** uses premium synthetic base oils combined with a special synthetic additive

system to provide superior high temperature oxidation stability and wear protection.

Its unique blend of synthetic components provides ideal high-temperature performance and quick starts in all temperatures. This additive system provides the best protection against engine wear, rust and corrosion, and ensures engine cleanliness.

#### Recommended by Mystik for:

- API TC
- JASO FD
- All air- or liquid-cooled 2-cycle (injector or premix) personal watercraft engines, including those manufactured by Sea-Doo, Kawasaki, Polaris, Yamaha and other original equipment manufacturers

#### JT-4 Synthetic 2-Cycle Snowmobile

**Engine Oil** uses premium synthetic base oils combined with a special synthetic additive system to provide superior cold temperature protection and quick starts in extreme cold. This balance of synthetic components enhances fuel economy, improves cold temperature performance and high temperature thermal stability, and affords protection against engine wear, rust and corrosion while keeping the engine and power valves clean.

#### Recommended by Mystik for:

- API TC
- JASO FD
- All air- or liquid-cooled 2-cycle (injector or premix) snowmobile engines, including those manufactured by Arctic Cat, Polaris, Ski-Doo, Yamaha and other original equipment manufacturers





# LUBRICATION DOMINATION<sup>®</sup>





**JT-4 Synthetic 4-Cycle Snowmobile Motor Oil** uses premium synthetic base oils combined with a special synthetic additive system to provide superior cold temperature protection and quick starts in extreme cold. This balance of synthetic components enhances fuel economy, improves cold temperature performance and high temperature thermal stability, and affords protection against engine wear, rust and corrosion while keeping the engine and power valves clean.

**SAE Grade:**

0W-40

**Recommended by Mystik for:**

- API SL
- JASO MA
- NMMA FC-W
- All 4-cycle snowmobile engines, including those manufactured by Arctic Cat, Polaris, Ski-Doo, Yamaha and other equipment manufacturers

**JT-4 2-Cycle Premium Plus Outboard Engine Oil**

is a synthetic blend that provides the highest level of protection for high performance, high horsepower, 2-stroke outboard marine engines. It effectively combats wear, scuffing and deposit problems. It provides high temperature oxidation resistance, corrosion protection, maximum engine cleanliness, and enhanced lubricity for longer engine life. It significantly reduces carbon or deposit build-up on engine parts as well as piston ring sticking, and is suitable for direct injection or pre-mix use.

**Recommended by Mystik for:**

- API TC
- NMMA TC-W3

**JT-4 4-Cycle Marine Engine Oils** are specially formulated, proven and certified for use in 4-cycle marine inboard, outboard and personal watercraft engines. The carefully crafted formulations are designed for maximum protection under the most demanding marine conditions. They provide superior rust, corrosion, scuff and wear protection in high-performance marine engines under the harshest of marine environments.

**SAE Grades (Synthetics):**

10W-30, 10W-40

**SAE Grades (Synthetic Blends):**

25W-40, 25W-50

**Recommended by Mystik for:**

- NMMA FC-W
- Formulated to meet the warranty requirements of Mercury, Yamaha, Evinrude and other leading OEM's
- Mystik JT-4 4-Cycle 10W-40 provides excellent protection for personal watercraft, as well, and meet the warranty requirements of Honda, Kawasaki, Polaris, Sea-Doo and others





## Platinum Performance Series

**JT-4 Ultimate High Performance 2-Cycle Engine Oil** is a unique balance of synthetics, base oils and additives that provides unmatched performance, protection and cleanliness for all gasoline-powered 2-cycle engines. It contains powerful detergents to remove existing carbon deposits on piston skirts, crowns (and under crowns), power valves, cylinder intake, exhaust and heads, and wrist pins. This superior product helps clean up deposits left from other 2-cycle products and can be used with new engines to ensure trouble free operation, periodically to maintain engines at the start or end of a season, and to help bring old engines back to life.

### Recommended by Mystik for:

- API TC
- JASO FD
- NMMA TC-W3
- Lawn and garden – hand-held power equipment such as leaf blowers/vacuums, edgers, trimmers, tillers, chainsaws
- Marine – outboard engines, personal watercraft
- Recreation equipment – snowmobiles, motorcycles
- Other power equipment – chippers/shredders, log splitters, snow blowers, generators



**Sea and Snow 2-Cycle Engine Oil** is a synthetic blend, low smoke oil designed for use in the high performance air-cooled or liquid two-stroke engines of personal watercraft and snowmobiles. It is formulated with premium base oils and a synthetic low ash additive package that provides excellent lubricity and detergency performance. It surpasses standards for preventing piston and combustion chamber deposits. In addition, Sea and Snow is a synthetic blend, which reduces exhaust smoke and prevents piston seizure and cylinder scuffing, and it mixes readily with fuel for pre-mix type systems, even at low temperatures.

### Recommended by Mystik for:

- API TC
- ISO-L-EGD
- JASO FD
- Certain liquid-cooled 2-cycle engines, motorcycles, generators, lawnmowers, and hand-held power equipment such as leaf blowers, trimmers and chainsaws

### JT-4 2-Cycle Premium Outboard Engine Oil

is an ashless lubricant designed to protect two-stroke marine engines. Designed for premix or oil injection-type outboard engines, it readily mixes with gasoline and helps to reduce piston ring sticking and scuffing.

### Recommended by Mystik for:

- API TC
- NMMA TC-W3



## Grease

Mystik supplies a range of greases, both special-purpose and for general use, for all kinds of lubrication needs.

### **JT-6® High Performance Marine Grease**

is a smooth but tacky blue grease with outstanding water resistance formulated for a variety of marine applications. It combines an anhydrous calcium thickener system, special polymer and a proprietary additive system to ensure superior protection against rust in both freshwater and saltwater applications. In addition, it offers EP and shock-load protection, and is compatible with most lithium and lithium complex-based greases.

#### **NLGI Grade:**

#2

#### **Recommended by Mystik for:**

- Marine applications including trailer wheel bearings, bearing buddies, boat lifts, hydraulic jack plates, steering components, tilt and trim systems, airframe floats, etc.
- Non-marine applications where a general multi-purpose EP grease with outstanding water resistance is desired, such as water pumps, fifth wheels, automotive chassis and other equipment operating in wet conditions





***"You know, I spend a large part of my life on the water and I can tell you that whether heading out for the first cast of the morning or racing a storm back to the pier, there's little worse for me than having a boat that's not ready to go when I am. That's why I protect all my boats with engine oils and grease from Mystik Lubricants. Just pour their oil in or apply their grease according to directions and I'm good to go every minute I spend on the water – and with total confidence! Always!"***

— Bill Dance, Professional Fisherman, *Bill Dance Outdoors* and *Bill Dance Saltwater Shows*





## Gear Oil

Mystik gear oil helps keep your equipment moving in the most extreme conditions.

### Gold Performance Series

**JT-4 Premium High Performance Lower Unit Gear Lubricant** is formulated specifically for marine applications. It contains the latest generation of a proprietary EP additive system designed to provide maximum protection against wear, rust, corrosion and deposits. Its performance surpasses other marine gear lubricants using GL-4 and GL-5 80W-90 technology, providing superior EP lubrication and corrosion protection in the presence of

moisture (both fresh and sea water), as well as improved gear protection for shock load conditions as encountered with harsh startup engagement, power reversal or propeller entanglement.

#### SAE Grade:

85W-90

#### Recommended by Mystik for:

- All outboard and stern-drive gear units specifying SAE 90, 80W-90
- Type "C" MerCruiser, OMC Cobra and Volvo stern drives, and Evinrude, Force, Johnson, Mariner, Mercury, Suzuki and Yamaha outboards (85W-90)



## Oil is oil. Isn't it?

In terms of lubrication, oil is oil only in the broadest possible sense—it's a viscous fluid that has the ability to reduce friction and wear between moving surfaces in contact with each other.

But today's oils serve many other vital functions: cooling and sealing; protecting surfaces from chemical attack; keeping contaminants and particulate matter in suspension; keeping surfaces clean. Since scientific, engineering and technological advances have resulted in a broad array of additives, synthetic materials, detergents and other special-purpose ingredients, manufacturers can choose and adjust formulations for specific purposes and conditions.

The starting point (and largest single component) is a base oil, and various additives are blended in to achieve the desired performance. Like almost every important decision, choosing ingredients and their concentrations involves tradeoffs between cost and performance. More than anything else, the key to success is understanding both the oil's specific application and the environment to which it will be exposed. So, when you select an oil, you're trusting that the oil's manufacturer understands your machine and the ways you use it.

With a long track record, extensive scientific and technical expertise and the drive to manage the toughest challenges faced by cars, trucks and machines of all types, Mystik provides carefully formulated lubricants that offer you solutions customized to your equipment's performance needs.





# Outdoor Power Equipment



## Engine Oils

If you want to spend more time fishing, hunting, boating or snowmobiling, you can't spend too much time on your weekend chores, so protect your outdoor power equipment with Mystik lubricants.

## Platinum Performance Series

**JT-4 Ultimate High Performance 2-Cycle Engine Oil** is a unique balance of synthetics, base oils and additives that provides unmatched performance, protection and cleanliness for all gasoline-powered 2-cycle engines. It contains powerful detergents to remove existing carbon deposits on piston skirts, crowns (and under crowns), power valves, cylinder intake, exhaust and heads, and wrist pins. This superior product helps clean up deposits left from other 2-cycle products and can be used with new engines to ensure trouble-free operation, periodically to maintain engines at the start or end of a season, and to help bring old engines back to life.

### Recommended by Mystik for:

- API TC
- JASO FD
- NMMA TC-W3
- Lawn and garden – hand-held power equipment such as leaf blowers/vacuums, edgers, trimmers, tillers and chainsaws
- Marine – outboard engines, personal watercraft
- Recreation equipment – snowmobiles, motorcycles

- Other power equipment– chippers/shredders, log splitters, snow blowers, generators

### JT-4 2-Cycle Lawn and Garden Engine Oil

is a premium performance synthetic blend lubricant designed for use in high-performance air-cooled 2-cycle engines. It is formulated with premium base oils and a new low ash additive package that provides excellent lubricity and detergency performance that surpasses the standard for preventing piston and combustion chamber deposits. In addition, it is a synthetic blend, which reduces exhaust smoke and prevents piston seizure and cylinder scuffing. This advanced oil helps to protect today's high RPM air-cooled 2-cycle engines against exhaust port blocking, combustion chamber and piston deposits, ring sticking and scuffing and wear.

### Recommended by Mystik for:

- API TC
- ISO-L-EGD
- JASO FD
- 2-cycle generators, chain saws, lawn mowers, snow blowers, leaf blowers and trimmers operating in hot, dirty, dusty environments and high loads for extended periods



### The oil change.

Almost everyone knows that it's important to change their engine's oil from time to time. But, besides the obvious fact that it gets dirty, do you know why?

Today's lubricants are formulations of base oils and additives, blended to meet the unique requirements of each vehicle or machine. Those additives—which combat rust and oxidation, clean deposits, protect against wear, etc.—lose their effectiveness over time:



- Dispersants get saturated, so they can't hold additional contaminants in suspension which creates sludge deposits.
- Detergents get used up, and can no longer neutralize acidic by-products which remove leads to corrosion inside your engine.
- Anti-wear additives get depleted which causes increased engine wear.
- Viscosity modifiers become degraded, losing their ability to help the oil maintain its viscosity at high temperatures.
- Anti-oxidants get consumed which allows the oil to get very thick and difficult to pump.

So whether it's in your boat, jet ski, ATV, snowmobile, car or lawn mower, you should change the oil regularly to protect the life and performance of the engine. Mystik makes it easy by providing a complete line of oils, lubricants and greases to keep all your machines running in top condition.



### Just try it!

With the growing use of heavy equipment in the United States in the early twentieth century, lubricant salesmen began traveling through the Midwest to build business by offering oilfield workers, farmers and other equipment operators free product samples. It was in this climate that Mystik Lubricants was formed and began to thrive.

“Just try it” was the offer they made, confident that the quality of their products would prove their value.

The “JT” family name is used today for a variety of Mystik products and springs from that spirit of confidence. And we’re even more convinced today that you will get the performance you need from every Mystik product.



LUBRICATION  DOMINATION®



***Mystik Lubricants - so your machines can keep up with you.***

The Mystik family of lubricants will help all your vehicles, machines and tools get the job done, regardless of where or how hard you're working or playing.

You can find Mystik products at a retailer or Mystik service center near you, and you can also order them online at our website, [www.mystiklubes.com](http://www.mystiklubes.com).

**Mystik - just try it!**





P.O. Box 4689  
Houston, TX 77210-4689  
**[www.mystiklubes.com](http://www.mystiklubes.com)**  
1-855-4-MYSTIK  
1-855-469-7845

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