



# POWERSPORTS

## LUBRICATION GUIDE





# HISTORY

## Bel-Ray®

### Legacy

For over 70 years, Bel-Ray products have proven their value, setting the highest standards of quality and performance. A leader in lubrication technology, our products have been engineered to protect while delivering superior business value for applications in aerospace, automotive, energy, food, marine, military, mining, motorcycle, OEM, powersports, steel and textile and other industries served by our Powersports, Automotive, Industrial and Mining Divisions.



### Sustainability

The Environmental Carbon Management (ECM) Program reduces the overall carbon footprint with responsible waste management and eco-friendly/partially recycled products, packaging, collateral and more. Look for the ECM logo on all Bel-Ray products.

## Calumet Specialty Products Partners, L.P.

Calumet Specialty Products Partners, L.P. (NASDAQ: CLMT) is a master limited partnership and a leading independent producer of high-quality, specialty hydrocarbon products in North America. Calumet processes crude oil and other feedstocks into customized lubricating oils, solvents and waxes used in consumer, industrial and automotive products; produces fuel products including gasoline, diesel and jet fuel; and provides oilfield services and products to customers throughout the United States. Calumet is based in Indianapolis and produces nearly 3,500 unique specialty products used in the development of the world's most trusted brands and products. Calumet is vertically integrated and holds a comprehensive portfolio of branded products for use in commercial, industrial, and consumer applications. Headquartered in Indianapolis, Indiana, the company employs approximately 1600 people and operates 11 facilities across North America. Calumet products and services are available in approximately 52 countries across the world; serving approximately 4,400 customers globally.

Calumet acquired Bel-Ray in December of 2013.



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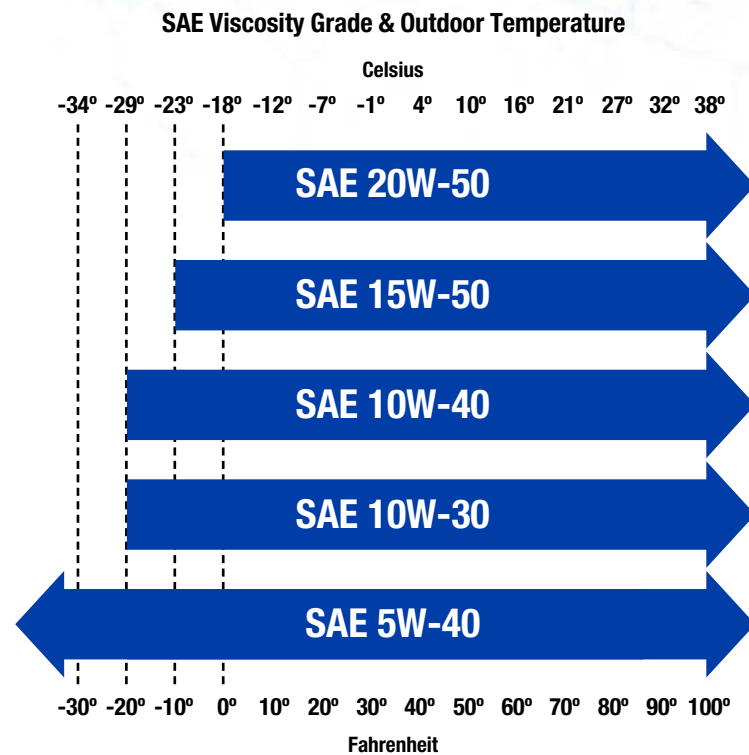


# TECHNICAL

## Understanding Oil Viscosity

Oil viscosity refers to how easily oil flows at a specified temperature. Thinner oils flow more easily at low temperatures than heavier, thicker oils that have a more honey-like consistency. Thin is better for easier cold weather starting and reducing friction, while thick is better for maintaining film strength and oil pressure at high temperatures and loads.

Oil viscosity is measured and given a number, which some people also refer to as the “weight” (thickness) of the oil. The lower the viscosity rating or weight, the thinner the oil. The higher the viscosity rating, the thicker the oil.



### Motor Oil Viscosity Ratings

- Viscosity ratings for commonly used motor oils typically range from 0 up to 50.
- With multi-viscosity oils, a “W” after the number stands for “Winter” grade oil
  - The numeric value of the first number (example 5W-20) is a reference point to the lowest applicable temperature
  - The SAE grade is a reference point to the oil viscosity at operating temperatures

## Technical Questions?

Visit [belray.com](http://belray.com) and contact our Technical Services department!

## Engine Oil Ratings Reference Guide

### API (American Petroleum Institute)

Test engine oil for performance, protection and cleanliness  
Does not relate to clutch or transmission performance

#### FIRST LETTER

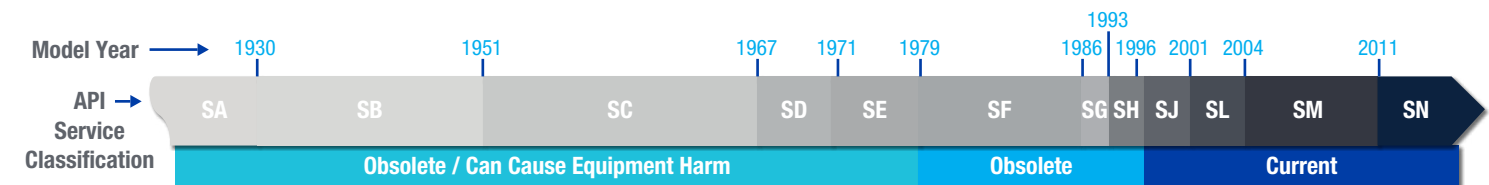
“S” for Service  
(Gasoline Engine Applications)

“C” for Commercial  
(Diesel Engine Applications)

#### SECOND LETTER

##### The Rating

- Further down the alphabet = higher ratings
- J is currently most manufacturer’s minimum
- Ratings test for: wear resistance, oxidation, corrosion resistance, deposit control and more
- Oil must pass all tests to obtain rating



### JASO (Japanese Automotive Standards Organization)

Ratings used for engine oil with one oil system for engine, transmission, and wet clutch

#### MA: Minimum required for engines that share its oil with transmission and clutch

- Allows enough friction between your clutch plates for proper operation

#### MA2: Highest rating (higher amount of friction within the clutch)

- Consistent clutch feel even at high operating temperatures
- MA2 advantages: less wear over time and low clutch slip giving your motor more horsepower and torque

#### MB: Not suitable for transmission and wet clutch

- JASO MB rating for non-wet clutch motorcycle engines

#### Most of the Bel-Ray 4-Stroke Powersports line meets or exceeds the API SN standards and are JASO MA2 registered.

The few products that don't meet those standards were formulated to meet specific criteria within the applications for which those products were created. (Example: Bel-Ray Friction Modified Thumper Oil API SN JASO MB was designed for dirt bike engines that used separate oils for the engine and transmission.)

# POWERSPORTS



## EXS Synthetic Ester 4T Engine Oil

Bel-Ray EXS Full Synthetic Ester 4T Engine Oil is a premium motorcycle oil that uses the finest quality synthetic hydrocarbon and ester base fluids combined with unique Extreme Pressure, anti-wear additives and shear resistant VI improvers to meet the demands of high-performance applications. Lowers engine temperatures and increases horsepower. Meets the performance requirements of API SN and JASO MA2. Suitable for air-cooled/liquid-cooled 4-stroke engines and wet clutches.

- Synthetic Ester and PAO base fluid formula
- Delivers ultimate performance, protection and power
- Increased value from extended drain intervals
- Premium transmission and wet clutch performance

JASO MA2  
API SN

### SAE 10W-40

1L Bottle - 12/case	301702150160 (99161-B1LW)
4L Bottle - 4/case	301702150185 (99161-B4LW)

### SAE 10W-50

1L Bottle - 12/case	301840150160 (99160-B1LW)
4L Bottle - 4/case	301840150185 (99160-B4LW)
208L Drum	301840150007 (99160-DR)



## EXP Synthetic Ester Blend 4T Engine Oil

Bel-Ray EXP Synthetic Ester Blend 4T Engine Oil is a 4-stroke motorcycle oil that combines the finest quality synthetic oils with select mineral base oils ensuring the highest level of protection for all 4-stroke motorcycles. Contains shear resistant VI improvers to resist viscosity breakdown. Meets the performance requirements of API SN and JASO MA2. Suitable for air-cooled/liquid-cooled 4-stroke engines and wet clutches.

- Synthetic Ester blended with select synthetic and petroleum components
- Provides exceptional component protection and increased horsepower
- Premium anti-wear properties
- Superior transmission and wet clutch performance

JASO MA2  
API SN

### SAE 10W-40

1L Bottle - 12/case	301126150160 (99120-B1LW)
4L Bottle - 4/case	301126150185 (99120-B4LW)
60L Keg	301126150010 (99120-KE)
208L Drum	301126150007 (99120-DR)

### SAE 15W-50

1L Bottle - 12/case	301402150160 (99130-B1LW)
4L Bottle - 4/case	301402150185 (99130-B4LW)
208L Drum	301402150007 (99130-DR)

### SAE 20W-50

1L Bottle - 12/case	300925150160 (99131-B1LW)
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## EXL Mineral 4T Engine Oil

JASO MA2  
API SN

Bel-Ray EXL Mineral 4T Engine Oil is a premium 4-stroke motorcycle oil. Meets the performance requirements of API SN and JASO MA2. Suitable for air-cooled/liquid-cooled 4-stroke engines and wet clutches.

- Delivers outstanding protection
- Exceeds all OEM requirements
- Long change intervals
- Excellent transmission and wet clutch performance

### SAE 10W-40

1L Bottle - 12/case	301838150160 (99090-B1LW)
4L Bottle - 4/case	301838150185 (99090-B4LW)
208L Drum	301838150007 (99090-DR)

### SAE 20W-50

1L Bottle - 12/case	301401150160 (99100-B1LW)
4L Bottle - 4/case	301401150185 (99100-B4LW)
208L Drum	301401150007 (99100-DR)



## MC-4T Mineral Engine Oil

JASO MA2  
API SL

MC-4T Mineral Engine Oil is an excellent value, premium multi-grade petroleum motor oil for 4-stroke motorcycles, small scooters, messenger bikes and other 4-stroke performance engines. Provides the best combination of low-cost lubrication performance, engine protection and reliable all-season use. Equally suitable for air-cooled and liquid-cooled 4-stroke engines. Exceeds API SL and JASO MA2 specifications.

- Petroleum-based formula
- Reduces oil consumption
- For air-cooled/liquid-cooled 4T engines with wet clutches
- **NOT AVAILABLE IN ALL REGIONS**

### SAE 10W-40

1L Bottle - 12/case	301712150145 (99401-BT1LA)
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### SAE 20W-50

1L Bottle - 12/case	301713150145 (99405-BT1LA)
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## Lubricant Advisor

Use the Bel-Ray Lubricant Advisor at [belray.com](http://belray.com) to find the correct lubricant's for your machine!





# POWERSPORTS



## Shop Oil

Shop Oil is an excellent value, premium multi-grade petroleum motor oil for service departments, shop fill and new and rebuilt engine run-in. Formulated for 4-stroke motorcycles and other 4-stroke performance engines. It is designed for topping off, service fills, as well as new and rebuilt engine run-in. It has all the superior lubrication performance of Bel-Ray's additive chemistry and high Viscosity Index, low-volatility, petroleum base oils to provide premium 4-stroke engine protection.

- Provides excellent performance, engine protection and reliable all-season use
- Equally suitable for air-cooled and liquid-cooled engines
- Superior deposit control reduces sludge and varnish for cleaner, cooler running engines
- Minimizes deposit formation and reduces oil consumption

### SAE 10W-40

208L Drum      301290150007 (99433-DR)

### SAE 20W-50

208L Drum      301291150007 (99435-DR)

JASO MA2  
API SL



## Gear Saver Hypoid Gear Oil

API GL-5

Bel-Ray Gear Saver Hypoid Gear Oil features Bel-Ray's state-of-the-art Extreme Pressure chemistry to give unsurpassed protection for heavily-loaded shaft drive and final drive units. Meets or exceeds API GL-4 and GL-5 requirements. Not recommended for wet clutches.

- Formulated for gearboxes and final drive units without a wet clutch
- Smoother shifting and reduced gear whine
- Extreme Pressure additives reduce component wear
- For motorcycles and ATVs (not for wet clutches)

### SAE 80W-90

1L Bottle - 12/case      301706150160 (99230-B1LW)

### SAE 85W-140

1L Bottle - 12/case      301707150160 (99234-B1LW)

## Tip!

Visit the Technical tab on [belray.com](http://belray.com) for great tips to improve all components of your bike.

# ATV/UTV/SxS



## ATV & SxS Synthetic 4T Engine Oil

API SN

Bel-Ray ATV & SxS Synthetic 4T Engine Oil is a premium 4-stroke motor oil specifically formulated to meet the demands of ATV's, UTV's, and SxS's engines to provide superior wear protection, low temperature and higher temperature performance, and improved oxidation resistance for long oil and engine service life. ATV & SxS Synthetic exceeds the performance requirements of API SN and JASO MA2.

- Recommended for use in Polaris SxS and ATV engines
- Recommended for ATV's, UTV's, and SxS's 4-stroke air-cooled and liquid-cooled engines
- Use in all ATV, UTV, and SxS engines with or without wet clutches

### SAE 5W-50

1L Bottle - 12/case      302664150160



## ATV & SxS 4T Engine Oil

API SM

Bel-Ray ATV & SxS 4T Engine Oil with Rust Defense System is a premium multi-grade 4-stroke ATV oil for the unique demands of all 4-stroke ATVs, Quads, Side by Sides, and UTVs. Equally suitable for air-cooled/liquid-cooled 4-stroke engines. The specially developed Rust Defense System coats internal engine components providing unsurpassed rust and corrosion protection. Unbeatable anti-wear chemistry eliminates wear, extending engine life.

- Petroleum-based formula for the unique demands of 4T ATVs and UTVs
- Rust Defense System coats engine components for corrosion protection
- Wear protection extends engine life
- For air-cooled/liquid-cooled 4T engines with wet clutches

### SAE 10W-40

1L Bottle - 12/case      300952150160 (99050-B1LW)





# V-TWIN



## V-Twin Synthetic Engine Oil

JASO MA2  
API SN

V-Twin Synthetic Engine Oil 10W-50 is a multi-grade synthetic motorcycle oil formulated to meet the specific demands of large displacement V-Twin engines. It combines the benefits of fully-synthetic base oils with high performance additives.

- Synthetic Ester and PAO base fluid formula
- Delivers ultimate performance, protection and power
- Better cooling performance for hot engines
- Premium transmission and wet clutch performance for V-Twins with shared transmissions compartments

### SAE 10W-50

1L Bottle - 12/case    301390150160 (96915-BT1)



## V-Twin Semi-Synthetic Engine Oil

JASO MA2  
API SN

V-Twin Semi-Synthetic Engine Oil 20W-50 is a synthetic blend, multi-grade V-Twin motorcycle oil formulated to meet the specific demands of large displacement V-Twin engines. It combines the benefits of fully-synthetic oils with the lower cost of petroleum oils.

- Synthetic Ester blended with select synthetic and petroleum components
- Provides exceptional component protection and increased horsepower
- Premium anti-wear properties
- Superior transmission and wet clutch performance for V-Twins with shared transmissions compartments

### SAE 20W-50

1L Bottle - 12/case    301389150160 (96910-BT1)  
4L Bottle - 4/case    301389150185 (96910-BT4)



## V-Twin Mineral Engine Oil

JASO MA2  
API SN

V-Twin Mineral Engine Oil 20W-50 is a value priced, multi-grade, 4-stroke motorcycle oil formulated for V-Twin engines. It is formulated with high viscosity Index and low volatility petroleum base oils.

- Delivers outstanding protection
- Exceeds all OEM specifications
- Long change intervals
- Excellent transmission and wet clutch performance for V-Twins with shared transmissions compartments

### SAE 20W-50

1L Bottle - 12/case    301829150160 (96905-BT1)  
4L Bottle - 4/case    301829150185 (96905-BT4)



## Big Twin Transmission Oil

API GL-5

Big Twin Transmission Oil is a multi-grade 4-stroke V-Twin transmission oil formulated for sliding contacts of gears in heavily loaded 4-stroke transmissions. It provides superior anti-wear, smooth shifting and reduces gear noise.

- Formulated for motorcycles with separate transmissions
- Wear protection extends gear life
- Quiets gear whine and improves shifting
- For Big Twin, air-cooled/liquid-cooled transmissions

### SAE 85W-140

1L Bottle - 12/case    301828150160 (96900-BT1)



## Primary Chaincase Lubricant

Primary Chaincase Lubricant is premium motorcycle oil specially formulated for the primary chaincase of all big twin motorcycles. Ideally suited to stand up to high pressures, its exclusive Bel-Ray antiwear chemistry ensures long service life for the primary chain. Superior oxidation protection for extended performance, and prevents clutch slipping and chatter for consistent engagement. Distinctive red color makes it easier to detect leaks in multiple lubrication cavity engines.

- Formulated for primary chains and wet clutches
- Wear protection extends primary chain life and protects gears from wear
- Prevents clutch slipping and chatter for consistent engagement
- Distinctive red color for easy leak detection
- For Big Twin, air-cooled/liquid-cooled for primary chaincases

### SAE 80W

1L Bottle - 12/case    301830150160 (96920-BT1)



## Sport Transmission Fluid

Sport Transmission Fluid has been developed for the unique demands of Harley-Davidson® Sportster® V-Twin motorcycle transmissions equipped with wet clutches. Bel-Ray Sports Transmission Fluid flows freely for better clutch cooling and provides positive clutch engagement for better starts and longer clutch life while protecting highly-loaded gears from wear, ensuring smooth shifts for more positive action.

- Formulated for the transmission and primary of Sportster motorcycles and Buell® Blast™ motorcycles
- Wear protection extends transmission life
- Prevents clutch slipping and chatter for consistent engagement
- Distinctive red color for easy leak detection
- For Sportster transmissions

### SAE 110

1L Bottle - 12/case    301391150160 (96925-BT1)



# OFF-ROAD



## Thumper® Racing Works Synthetic Ester 4T Engine Oil

JASO MA2  
API SN

Bel-Ray Thumper Racing Works Synthetic Ester 4T Engine Oil is a 4-stroke synthetic motorcycle racing oil that has been developed for full works competition use and is designed to withstand extreme racing conditions. Full synthetic ester base oils withstand the highest temperatures and stresses and provide the ultimate performance for 4-stroke motorcycles. Meets API SN and JASO MA2 requirements. Suitable for air-cooled/liquid-cooled 4-stroke engines and wet clutches.

- Synthetic ester formula for the ultimate Thumper performance
- Withstands extreme racing conditions
- For air-cooled/liquid-cooled 4T engines with wet clutches

### SAE 10W-50

1L Bottle - 12/case 301724150160 (99550-B1LW)  
4L Bottle - 4/case 301724150185 (99550-B4LW)

### SAE 10W-60

1L Bottle - 12/case 301725150160 (99551-B1LW)



## Thumper Racing Synthetic Ester Blend 4T Engine Oil

JASO MA2  
API SN

Bel-Ray Thumper Racing Synthetic Ester Blend 4T Engine Oil is a 4-stroke motorcycle racing oil that combines the finest quality synthetic esters and highly-refined mineral base oils specifically engineered for today's 4-stroke single cylinder, multi-valve racing engines. Provides maximum anti-wear protection for valve-trains, rings, cylinders and pistons. Delivers maximum horsepower while providing consistent clutch performance. Meets API SN and JASO MA2 requirements. Suitable for air-cooled/liquid-cooled 4-stroke engines and wet clutches.

- Synthetic ester blend for racing engines
- Maximum horsepower and consistent clutch performance
- Wear protection for valve-trains, rings, cylinders and pistons
- For air-cooled/liquid-cooled 4T engines with wet clutches

### SAE 10W-40

1L Bottle - 12/case 301723150160 (99520-B1LW)  
4L Bottle - 4/case 301723150185 (99520-B4LW)

### SAE 15W-50

1L Bottle - 12/case 300926150160 (99530-B1LW)  
4L Bottle - 4/case 300926150185 (99530-B4LW)



## Thumper Gear Saver Transmission Oil

Bel-Ray Thumper Gear Saver Transmission Oil is a premium transmission oil that has been developed for the unique demands of motorcycles equipped with separate engines and transmissions. Formulated with extra protection for gears and bearings subject to high torque loads of modern motorcycle transmissions. This multi-viscosity formula flows freely for better clutch cooling and provides positive clutch engagement for better starts and longer clutch life while protecting highly-loaded gears from wear, ensuring smooth shifts for more positive action.

- Formulated to protect transmission gears from wear
- Maximum clutch performance and smooth shifting
- Wear protection extends clutch life
- For 2T/4T transmissions with a wet clutch

### SAE 80W-85

1L Bottle - 12/case 301722150160 (99510-B1LW)



## Gear Saver Transmission Oil

Bel-Ray Gear Saver Transmission Oil is a gear oil that has been developed for the unique demands of all motorcycle transmissions equipped with wet clutches. Bel-Ray Gear Saver Transmission Oil flows freely for better clutch cooling and provides positive clutch engagement for better starts and longer clutch life while protecting highly-loaded gears from wear, ensuring smooth shifts for more positive action.

- Formulated to protect transmission gears from wear
- Positive clutch engagement for better starts and longer clutch life
- Protects shafts, bearings and gears
- For air-cooled/liquid-cooled 2T/4T transmissions with wet clutches

### SAE 75W

1L Bottle - 12/case 301129150160 (99240-B1LW)

### SAE 80W

1L Bottle - 12/case 301708150160 (99250-B1LW)



## Did You Know?

The Lubricant Advisor at [belray.com](http://belray.com) provides custom service schedules and suggested products specifically for your machine. Simply select your make, model and type to take your machine's performance to the next level!



# OFF-ROAD



## H1-R Racing 100% Synthetic Ester 2T Engine Oil

JASO FD  
ISO L-EGD

Bel-Ray H1-R Racing 100% Synthetic Ester 2T Engine Oil is formulated for all power valve 2-stroke engines. Advanced 100% synthetic ester base oils cling to metal, preventing wear in all 2-stroke applications. Bel-Ray H1-R Racing 100% Synthetic Ester 2T Engine Oil is clean burning to prevent carbon build-up in combustion chambers and power valve mechanisms. Not suitable for methanol fuel. 2017 CIK-FIA Certified for use in high performance racing kart applications.

- Synthetic Ester formula for power-valve 2T engines
- Keeps power-valves clean and responsive for increased horsepower
- Superior film strength prevents wear
- Suitable for any and all manufacturers recommended mix ratios
- CIK-FIA approved for use in racing kart engines
- Pre-mix only for air-cooled/liquid-cooled 2T power-valve engines (not for methanol fuel)

1L Bottle - 12/case      301407150160 (99280-B1LW)



## MC-1 Racing Full Synthetic 2T Engine Oil

Bel-Ray MC-1 Racing Full Synthetic 2T Engine Oil is a 2-stroke motorcycle racing oil that was developed in the 1970s specifically as a high dilution ratio pre-mix racing 2T motorcycle oil and continues to offer riders of historic off-road motorcycles the quality engine oil that they have been using for years. It is a true icon in the off-road motorcycle industry. MC-1 is recommended for use in air-cooled, non-power valve 2-stroke racing engines and is intended as a pre-mix — not designed for injection/autolube systems. MC-1 continues to provide the absolute best in early off-road engine lubrication. Not suitable for methanol fuel.

- Synthetic Ester formula for non-power-valve, 2T engines
- Withstands extreme racing conditions
- Suitable for mix ratios up to 100:1
- Pre-mix for air-cooled/liquid-cooled 2T non-power-valve engines (not for methanol fuel)

355mL Bottle - 12/case      301288150165 (99400-B355)



## Si-7 Synthetic 2T Engine Oil

API TC  
JASO FD  
ISO L-EGD

Bel-Ray Si-7 Full Synthetic 2T Engine Oil is a 2-stroke motorcycle oil specifically formulated for use in injector/autolube systems, but can be used as pre-mix. Formulated to reduce smoke and carbon residue while providing the highest level of protection for all 2-stroke engines. Bel-Ray Si-7 meets the JASO FD and ISO-L-EGD ratings ensuring the highest level of detergency for better performing, longer running engines.

- Clean-burning, synthetic ester for injector/auto-lube or pre-mix applications
- Provides a high level of protection and performance for all 2-stroke engines
- Formulated to reduce smoke and carbon residue
- For 2T engines

1L Bottle - 12/case      300954150160 (99440-BL1W)



## SL-2 Semi-Synthetic 2T Engine Oil

API TC  
JASO FD  
ISO L-EGD

Bel-Ray SL-2 Semi-Synthetic 2T Engine Oil is a 2-stroke semi-synthetic motorcycle oil that provides outstanding performance in 2-stroke motorcycle engines. Reduces exhaust smoke and prevents the build-up of carbon deposits to ensure longer lasting, better performing engines. Meets the JASO FD and ISO-L-EGD ratings ensuring the highest level of detergency for better performing, longer running engines. Recommended for both autolube and pre-mix applications.

- Clean-burning synthetic blend for injector/auto-lube or pre-mix applications
- Wear protection extends engine life
- For 2T engines

1L Bottle - 12/case      301719150160 (99460-BL1W)



## 2T Mineral Engine Oil

JASO FB  
ISO L-EGD

Bel-Ray 2T Mineral Engine Oil is a 2-stroke motorcycle oil specially formulated for pre-mix and injector systems for small 2-stroke engines allowing a clean burn that reduces deposits, smoke and engine wear, providing added power and improved reliability.

- Clean-burning, petroleum-based formula for injector/auto-lube or pre-mix applications
- Wear protection extends engine life
- Improves ring seal for maximum compression
- For 2T engines

1L Bottle - 12/case      300951150160 (99010-BL1W)





# SERVICE



## 6 in 1®

Bel-Ray 6 in 1 is a multi-purpose aerosol lubricant that contains anti-wear additives that provide high film strength to this exceptional penetrating and lubricating fluid. Bel-Ray 6 in 1 cleans as it lubricates, protects against rust and corrosion, displaces water, and reduces friction. Bel-Ray 6 in 1 will not harm electrical contacts, vinyl, wood or paint.

- Multi-purpose lubricant
- Cleans, lubricates, protects, displaces water, reduces friction and penetrates rust
- Safe for use on electrical contacts, vinyl, wood and paint

400mL Aerosol - 12/case 301123150285 (99020-A400W)



## Blue Tac Chain Lube

Bel-Ray Blue Tac Chain Lube is a high-performance, fully synthetic chain lube for all powersports chain applications. Developed with input from professional racing teams, Blue Tac Chain Lube offers an extremely tacky formula that will not fling off when used as directed. Professional racing teams and dyno tests have proven that even at speeds of 100 mph and up, Bel-Ray Blue Tac Chain Lube remains in place on your chain, providing the performance and protection you require.

For racing kart applications, Blue Tac Chain Lube will ensure consistent power to the wheels with minimal power loss and clutch contamination during racing events. The tacky properties ensure TAG clutch hubs are protected from chain fling-off.

- Designed to resist fling-off (even in high speed applications)
- Wear and corrosion protection for long chain and sprocket life
- Sprays on blue, dries clear
- For chain applications, including 'O', 'X' and 'Z' ring units and roller chains

400mL Aerosol - 12/case 301251150285 (99060-A400W)



## Super Clean Chain Lube

Bel-Ray Super Clean Chain Lube is an aerosol chain lube that utilizes the latest innovation in chain lubricant technology, combining unsurpassed anti-wear protection for long chain and sprocket life with an outer protective coating that will not attract dirt, sand, or grit and ABSOLUTELY WILL NOT FLING OFF when used as directed. Suitable for all 'O', 'X' and 'Z' ring and roller type chains for street, off-road, and racing use.

- Designed to resist fling-off (even in high speed applications)
- Protective coating dries white to ensure complete coverage
- Will not fling-off or attract dirt, sand or grit
- Wear and corrosion protection for long chain and sprocket life
- For chain applications, including 'O', 'X' and 'Z' ring units and roller chains

175mL Aerosol - 12/case 300955150275 (99470-A175W)

400mL Aerosol - 12/case 300955150285 (99470-A400W)



## Waterproof Grease

Bel-Ray Waterproof Grease is the legendary high-performance, multi-purpose grease. Superior water resistance, even in salt water, will ensure continued sealing and protection. Perfect for wheel bearings, headsets, shock linkages, swing arm pivots and other motorcycle, ATV, snowmobile and marine chassis lubrication points. Due to its aluminum complex formula, it won't melt or run out. Enhanced mechanical stability and special anti-wear additives protect and lubricate bearings for improved performance.

- Waterproof grease for all bearing and bushing applications
- Corrosion protection, even in salt water
- Wear protection extends bearing life
- Will not melt or run

### NLGI Grade 2

14 oz Cartridge - 12/case 301293150230 (99540-CG)

16 oz Tub - 12/case 301293150225 (99540-Tb16W)

397 lb Drum 301293150002 (99540-DR)



## Foam Filter Cleaner & Degreaser

Bel-Ray Foam Filter Cleaner & Degreaser is an aerosol degreaser specially designed for cleaning foam air filters. Removes oil and dirt from the filter while also preventing deterioration of the foam cells — maximizing filter life. This product can also be used as a degreaser.

- Designed to clean foam and fiber air filters
- Can also be used as a degreaser
- Will not discolor metals, paints or finishes

400mL Aerosol - 12/case 301404150285 (99180-A400W)



## Foam Filter Oil

Bel-Ray Foam Filter Oil is a foam air filter oil for all street, off-road, and racing foam air filter applications. Innovative Bel-Ray technology has produced a foam filter oil unlike any other. It is easy to apply and improves airflow. Ultra-viscous formula forms an oil barrier to trap micron-sized particles that can cause engine damage. Bel-Ray's waterproof air filter oil prevents clogging when wet.

- Designed to improve air flow
- Traps microscopic particles to extend engine life
- Waterproof formula prevents clogging when wet
- For foam air filters

400mL Aerosol - 12/case 301128150285 (99200-A400W)

1L Bottle - 12/case 301703150160 (99190-B1LW)



## Moto Chill Racing Coolant

Bel-Ray Moto Chill Racing Coolant is an engine coolant that uses a special non-toxic propylene glycol formula designed for better heat transfer and cooler running engines. Protects from corrosion and extends the life of all motorcycle cooling systems including those using magnesium and aluminum components. The ultimate high-performance engine coolant — especially suited for racing conditions. Do not dilute. Ready to use.

- Non-toxic, Propylene Glycol anti-freeze
- Protects aluminum and magnesium components from corrosion
- Pre-mixed, ready to use
- Compatible with all common coolants

1L Bottle - 12/case 301714150160 (99410-B1LW)



# SERVICE

## Important Tip!

DOT 3, DOT 4 and DOT 5.1 are all compatible. However, DOT 5 brake fluids are not compatible with any other type.



## Super DOT 4 Brake Fluid

Bel-Ray Super DOT 4 Brake Fluid exceeds FMVSS Sec. 571.116 DOT 4 motor vehicle brake fluid, SAE J1704 and ISO 4925 specifications. Mixes with all fluids meeting DOT 3 or DOT 4 specifications. For use in all drum or disc brake systems and hydraulic clutches, except systems using mineral-based fluids (LHM).

- Formulated for hydraulic brake systems
- Mixes with all fluids meeting DOT 3 and DOT 4 specifications
- Boiling point: Dry 272°C (522°F), Wet 169°C (336°F)

355mL Bottle - 12/case 301292150165 (99480-B355W)

FMVSS SEC  
**571.116**  
SAE J1704  
ISO 4925



## Silicone DOT 5 Brake Fluid

Bel-Ray Silicone DOT 5 Brake Fluid exceeds FMVSS Sec. 571.116 DOT 5 silicone base motor vehicle brake fluid specifications. Mixes with all fluids meeting such specifications. DOT 5 brake fluid may not be mixed with DOT 3 and DOT 4. DOT 5 may be used to replace either DOT 3 or DOT 4 if a complete system flush is done. For use in all drum or disc hydraulic brake systems, except systems using mineral-based fluids (LHM).

- Mixes with all fluids meeting DOT 5 specifications (not compatible with DOT 3 and DOT 4)
- Will not damage paint or absorb moisture
- For brake systems and hydraulic clutches, except systems using mineral brake fluids
- Boiling point: Dry 260°C (500°F), Wet 185°C (365°F)

355mL Bottle - 12/case 301718150165 (99450-B355W)

FMVSS SEC  
**571.116**  
SAE J1705



## High Performance Fork Oil

Bel-Ray High Performance Fork Oil is a front suspension oil formulated for use in all suspension forks including those using cartridge and dual chamber systems. Through the use of carefully selected high-viscosity base oils, fade is reduced providing smooth operation over a wide temperature range. Bel-Ray High Performance Fork Oil eliminates stiction and drag while greatly improving fork action.

- Formulated for front forks
- Reduces fade for smooth operation
- Eliminates stiction and drag, improving fork action
- Anti-wear and anti-foam

### 5W

1L Bottle - 12/case 301408150160 (99300-B1LW)

### 7W

1L Bottle - 12/case 301409150160 (99310-B1LW)

### 10W

1L Bottle - 12/case 301710150160 (99320-B1LW)

### 15W

1L Bottle - 12/case 301410150160 (99330-B1LW)

### 20W

1L Bottle - 12/case 301411150160 (99340-B1LW)

### 30W

1L Bottle - 12/case 301711150160 (99350-B1LW)

# Floor Display Product Racks

- Two sizes available (20" and 28" width versions)
- Updated graphic kits with two Powersports themes to choose from
- Adjustable shelving
- More product space than the previous rack design
- Strong caster wheels allow moving a full rack easily
- QR Code that directs to the Bel-Ray Lubricant Advisor

28" Product Rack	500412150600 (99882-Each)
20" Product Rack	500420150600 (99884-Each)
28"/20" Powersports Graphic Kit	500347150600 (99886-Each)
28"/20" V-Twin Graphic Kit	500377150600 (99888-Each)
28" Rack Extra Shelf	500372150600 (99883-Each)
20" Rack Extra Shelf	500408150600 (99885-Each)





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Calumet Branded Products, LLC  
2780 Waterfront Pkwy. E. Dr., Suite 200  
Indianapolis, IN 46214  
Technical Services: +1-317-328-5660  
customerservice@belray.com

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