



# MOTORCYCLE

## Lubricants & Support Products



For over forty years, Rock Oil has been at the heart of motorsport, delivering high-performance lubricants trusted by champions and everyday riders alike.

Our journey began in the early 1980s, when Charles Hewitt, now our Chairman, set out to build connections in the racing world. His determination led Rock Oil to support the iconic 'Team Green' Kawasaki Motocross team, igniting a legacy in motorcycle racing that continues to this day. Riders still remember the green machines, and champions like David Thorpe, three-time World 500cc MX title-holder, continue to rely on Rock Oil's performance decades later.

Since then, Rock Oil has supported some of the biggest names in motorsport, from motocross legends to British Superbike champions and World Speedway stars. Our partnerships have spanned disciplines as diverse as grasstrack, karting, rallying, road racing, and even ventures as extraordinary as NASA projects and Everest expeditions. **Wherever performance matters, Rock Oil is there.**

Since 2015, we've proudly partnered with the Bennetts British Superbike Championship (BSB), showcasing our brand at every round with a trackside presence, hospitality experiences, and our own dedicated 'Rock Oil Round'. The championship has helped increase exposure and awareness for our brand not only across the UK, but worldwide.



Whether on the circuit, off-road, or the motorway, Rock Oil is dedicated to advanced lubricants that improve efficiency, enhance engine cleanliness, reduce wear, and deliver consistent high performance – ensuring that everyday riders benefit from the same care and innovation trusted by championship racers.

In this brochure, we're excited to highlight the lubricants and support products trusted by championship riders and available to everyday motorcyclists. From synthetic and semi-synthetic oils to a broad range of support products including aerosols, suspension oils, air filter oils, gearbox oils, racing brake fluid, and coolants, Rock Oil offers solutions for every rider.

We're also proud to showcase our commitment to the latest industry standards such as **JASO T903 2023** and **API SP**, and to feature the products that meet these demanding specifications – a testament to our ongoing drive for innovation and excellence in our motorcycle range and beyond.



# API SP and Euro 5+ Standards

Visit [rockoil.co.uk](https://rockoil.co.uk) to browse our full product catalogue or to locate your nearest motorcycle product distributor.

Motorcycles, scooters and mopeds (collectively called L-category vehicles) are facing increasingly strict environmental regulations worldwide. On 1 January 2025, the European Union introduced the new Euro 5+ emissions standard for all new motorcycles, aimed at reducing pollutants and noise, and driving progress toward the EU Green Deal's targets for lower transport emissions.

## Euro 5+ is an evolution of Euro 5, tightening limits on:

- Exhaust emissions, including hydrocarbons, nitrogen oxides (NOx), and carbon monoxide
- Evaporation losses from fuel systems
- Noise levels, influencing both exhaust systems and engine performance

These stricter standards demand cleaner, more efficient engines, which in turn require high-quality engine oils. Oils must help keep engines clean, prevent deposits, protect emission-control systems like catalytic converters, and maintain performance under modern operating conditions.

## Where API SP fits into modern motorcycle oil standards

API (American Petroleum Institute) specifications have long been the benchmark for engine oil quality. For motorcycle oils, API SP is the latest standard developed to meet the challenges posed by modern engines and emissions regulations, including Euro 5+.

API SP oils are designed to:

- Promote engine cleanliness
- Enhance oxidation stability
- Protect against LSPI (Low-Speed Pre-Ignition)
- Reduce wear, including timing chain wear
- Improve fuel economy
- Safeguard catalytic converters

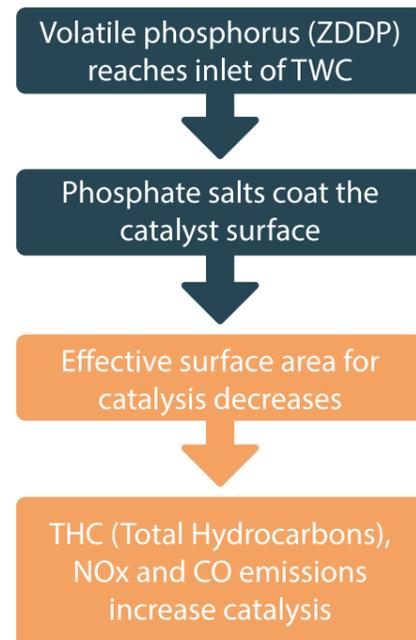
The main difference between API SP and older specifications like API SL or SN is the tighter phosphorus limit. API SP sets a maximum of 0.08% phosphorus to help protect catalytic converters, balancing engine wear protection with emissions system longevity.

## The Impact of Upgrading to Three-Way Catalysts

Catalyst durability depends on both optimal total phosphorus levels and reduced phosphorus volatility.

- Three-way catalysts (TWCs) are equipped to meet stringent Euro 5 emission limits.
- TWCs are highly sensitive to phosphorus, as phosphate salts can deposit on the catalyst surface and reduce performance.
- Phosphorus volatilisation is more pronounced in two-wheelers due to harsher operating conditions.
- Engine oils with carefully balanced total phosphorus content and low phosphorus volatility are essential to ensure long-term catalyst durability.

Three-way catalysts are highly sensitive to phosphorus. Products in the Rock Oil Synthesis range optimise phosphorus levels for catalyst protection and engine durability.



## API SP vs Older Specifications

Compared to earlier standards like API SL or SN, API SP offers significant benefits:

Feature	API SN	API SP	Improvement Highlight
Wear Protection	Good	Excellent	New Sequence X chain wear test introduced
Oxidation Stability	Good (Seq. III G)	Improved (Seq. III H)	Handles higher temperatures
LSPI Protection	None (SN Plus only)	Full (Seq. IX)	Critical for modern engines
Fuel Economy	Basic	Enhanced (Seq. VIF)	Certified efficiency testing
Timing Chain Protection	Not tested	Yes (Seq. X)	Specific wear validation
Catalyst Compatibility	Moderate	Improved ( $\leq 0.08\%$ phosphorus)	Protects emissions systems

Earlier specifications like API SG and SH are no longer acceptable as baselines for modern motorcycle oils. As noted in the JASO T903:2023 standard, API SJ is now considered the minimum starting point, ensuring higher performance and compatibility with modern engines.

API SP is also backward-compatible with earlier specifications such as API SN Plus, SN, and SL. This means it can safely be used in older engines where those earlier standards were specified.





# JASO T903:2023

Visit [rockoil.co.uk](http://rockoil.co.uk) to browse our full product catalogue or to locate your nearest motorcycle product distributor.

JASO stands for the Japanese Automotive Standards Organization. While JASO standards are developed in Japan, they've become globally influential, especially for motorcycles, where engine oil often also lubricates the gearbox and clutch. Unlike broader automotive standards such as API or ACEA, JASO specifically addresses the unique requirements of motorcycles – ensuring oils perform reliably in engines, transmissions, and clutches operating under more severe conditions.

## What Does JASO MA and MB Mean?

JASO divides motorcycle oil performance into two main categories:

- **JASO MA / MA1 / MA2** – For motorcycles with wet clutches:
  - » **MA2** provides higher clutch friction for sport riding and heavier loads
  - » **MA1** offers moderate friction for commuter and touring bikes.
- **JASO MB** – For scooters and bikes with dry clutches or automatic transmissions, where lower friction helps improve fuel efficiency.

Choosing the right JASO category ensures oils deliver the right balance of clutch grip, gear protection, and efficiency, depending on the bike's design.

## How JASO Works with API

API standards define basic engine oil performance for wear protection, oxidation resistance, and engine cleanliness. JASO builds on this by testing motorcycle oils for:

- Wet clutch compatibility
- Gear protection
- Oil performance under high temperatures

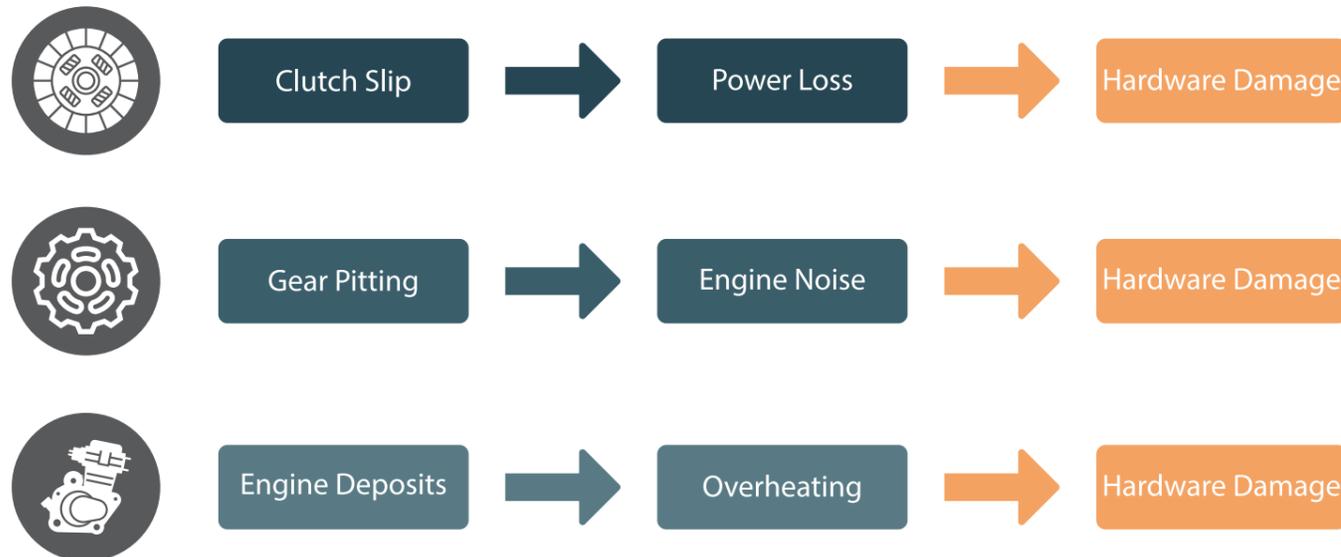
An oil must meet API standards first before earning a JASO MA2 or MB classification, ensuring it's suitable for the unique demands of motorcycles.

## Why JASO Introduced T903:2023

Modern motorcycles face tougher conditions:

- Higher power output and hotter engine temperatures
- Stricter emissions rules requiring durable catalytic converters
- Growing use of low-viscosity oils for fuel savings, which can reduce oil film strength and increase wear risks

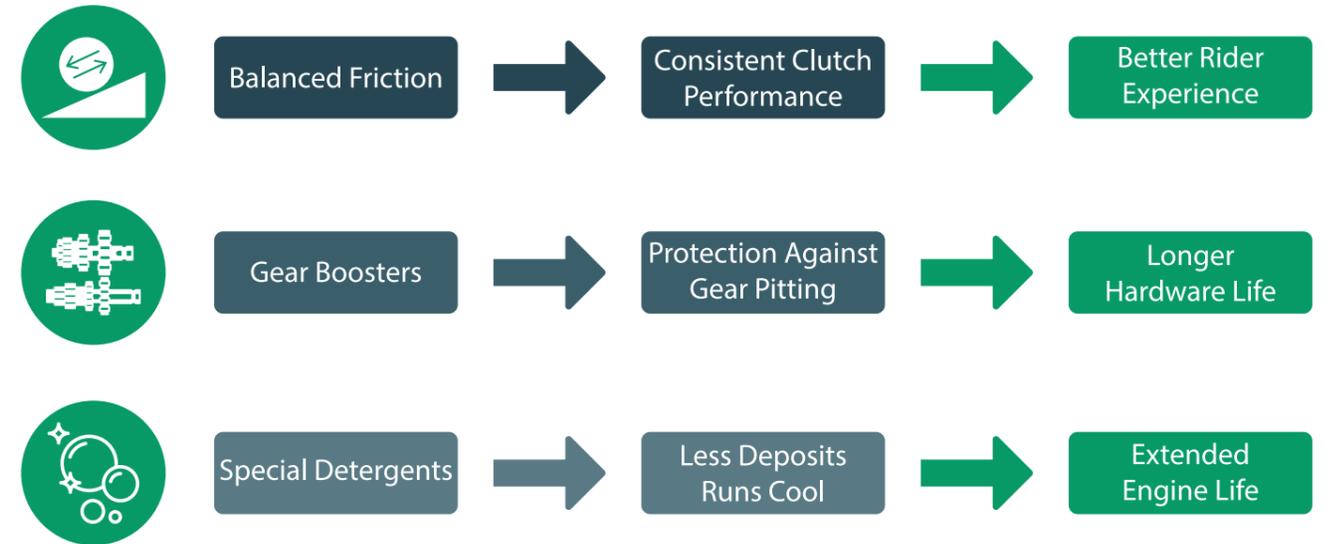
To tackle these challenges, the new JASO T903:2023 specification brings updated standards for performance and hardware protection.



JASO standards help prevent issues like clutch slippage, which can lead to power loss and poor ride feel.

## Key Changes in JASO T903:2023

- API SG and SH categories are no longer accepted.
- API SJ is now the minimum baseline.
- Upper categories expanded to include API SN Plus and API SP.
- Max phosphorus content reduced from 0.12% -> 0.10%.
- Minimum phosphorus content remains at 0.08%.
- Evaporation loss limit tightened from 20% -> 15%.
- New clutch friction materials and reference oils used.



Specialised motorcycle additive chemistry delivers balanced clutch friction, gearbox protection, and cleaner engine operation.

## Quick Reference: JASO T903 Changes

Test Item	T903:2016 Limits	T903:2023 Limits
Phosphorus (% mass)	≥ 0.08 ≤ 0.12	≥ 0.08 ≤ 0.10
Evaporation Loss (%)	20 max	15 max



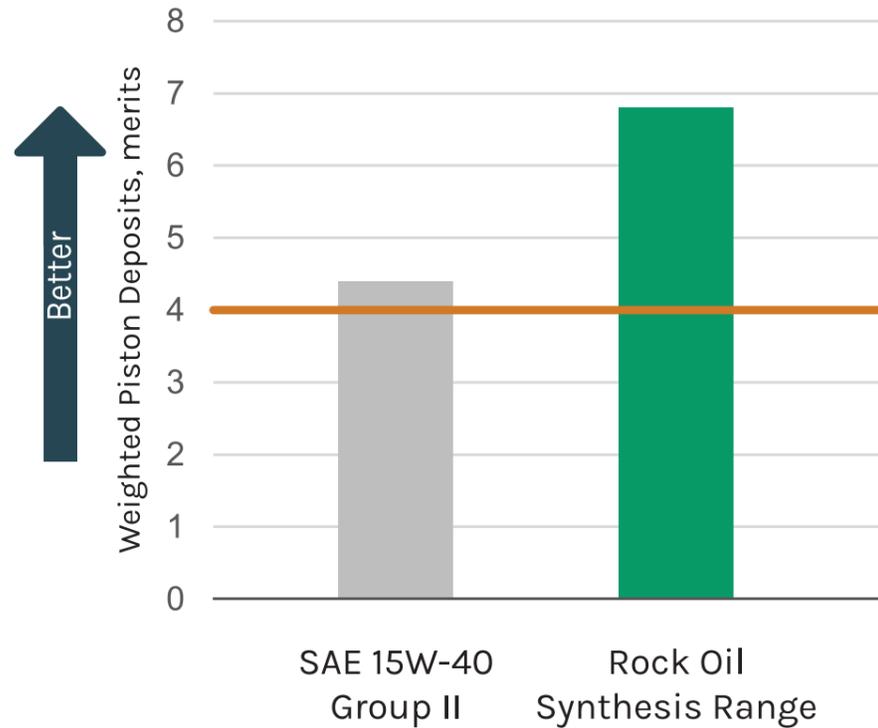


# SYNTHESIS: THE GOLD STANDARD

Visit [rockoil.co.uk](http://rockoil.co.uk) to browse our full product catalogue or to locate your nearest motorcycle product distributor.

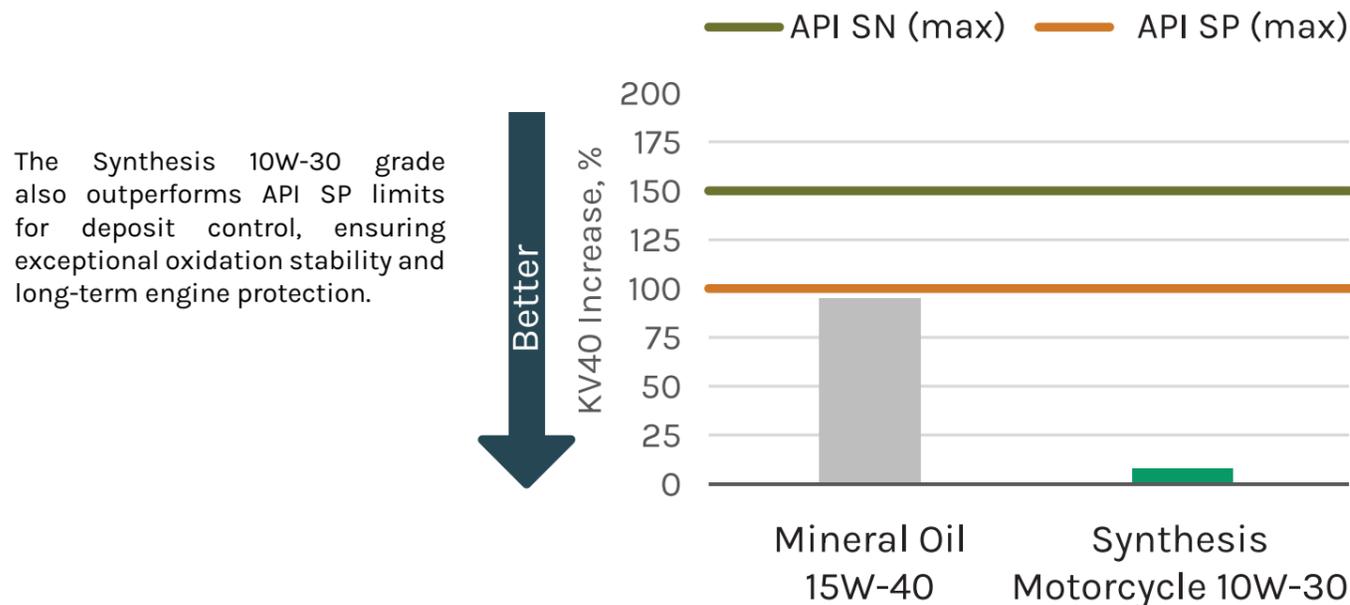
Products in the Rock Oil Synthesis range don't just meet API SP and JASO T903:2023 - they exceed them.

These advanced ester-based formulations are engineered for modern motorcycles, delivering cleaner internals, stronger wear protection, and reliable clutch performance - all while supporting Euro 5+ compliance. This is race-proven technology, trusted by championship teams and available to every rider.



### Deposit Control & Cleanliness

In industry-standard Sequence IIIF testing, products in the Rock Oil Synthesis range achieved up to 29% better piston cleanliness compared to the API baseline, helping engines run cleaner and cooler for longer.

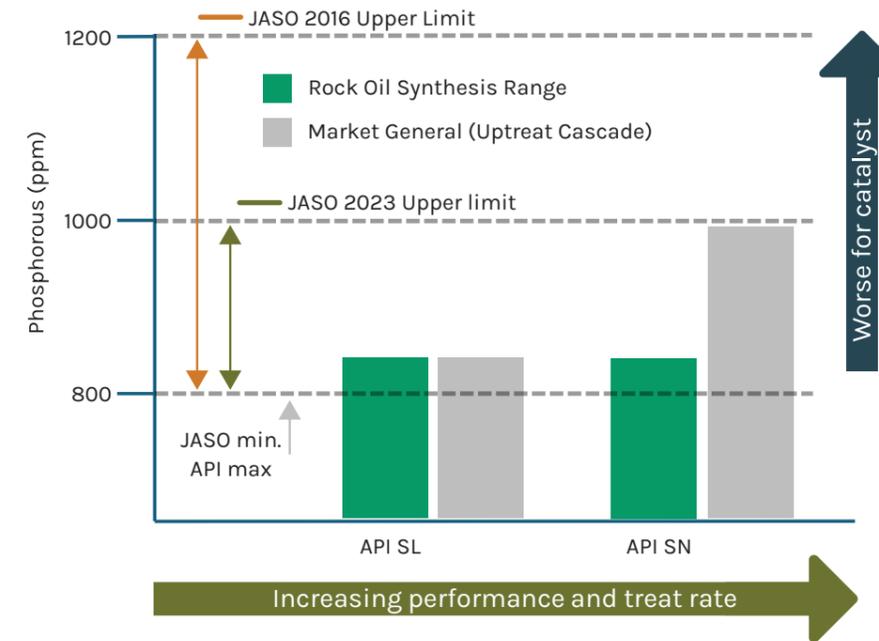
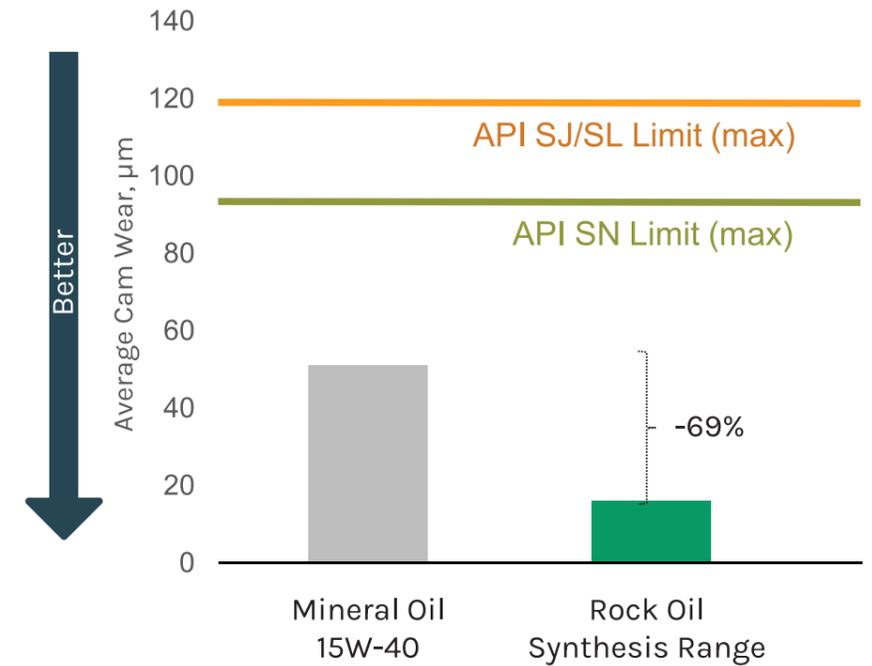


The Synthesis 10W-30 grade also outperforms API SP limits for deposit control, ensuring exceptional oxidation stability and long-term engine protection.

### Wear Protection

Camshaft wear testing shows products in the Rock Oil Synthesis range offer up to 6-times better cam wear protection than the API SL limit - safeguarding critical engine components even under extreme loads.

This enhanced durability provides riders with confidence in the most demanding riding conditions.



### Phosphorus Optimisation

Products in the Rock Oil Synthesis range maintain phosphorus levels near the optimal 800 ppm - enough to deliver essential anti-wear protection while maximising catalytic converter durability for Euro 5+ compliance.

This precise balance helps protect emissions systems without compromising engine performance.

With advanced chemistry, rigorous testing, and race-proven performance, Rock Oil Synthesis delivers cleaner engines, stronger protection, and a smoother ride from race track to road.

**Synthesis**<sup>®</sup>  
THE GOLD STANDARD



# ROAD & RACE

Visit [rockoil.co.uk](http://rockoil.co.uk) to browse our full product catalogue or to locate your nearest motorcycle product distributor.

At Rock Oil, our decades of racing and motorsport experience – crowned with British and World Championship victories – keep us at the forefront of lubrication technology. Today's race and road motorcycles demand products that deliver peak performance and reliability, and our advanced range meets those needs across every discipline.

We've developed a comprehensive portfolio covering high-performance lubricants for road and racing, dedicated formulations for off-road riding, reliable solutions for scooters, and an extensive line-up of support products to keep every motorcycle running at its best.

As the official lubricant of the Bennetts British Superbike Championship, Rock Oil stands as a trusted name in two-wheeled motorsport. Our partnerships with leading teams and riders across multiple disciplines reflect our ongoing commitment to excellence in motorcycle lubrication and support.

## SYNTHESIS XRP 5W-30



SYNTHESIS XRP 5W-30 is a synthetic, race-developed motorcycle oil engineered to deliver increased power output while reducing engine wear. Its unique Tri-Synthetic blend – incorporating Ester, PAO, and proprietary base oils – ensures outstanding shear stability, ultra-low oil consumption, and cooler engine operation. Perfect for high-performance and racing environments, it meets the highest JASO wet clutch standards and supports extended drain intervals under demanding conditions.

**Specs & Approvals:**  
API SP (Includes SN, SM, SL, SJ)  
JASO MA2 / MA

**Viscosity - Product Code:**  
5W-30 - 03210

4-STROKE

## SYNTHESIS 4 RACING 15W-50



SYNTHESIS 4 RACING 15W-50 is a high-performance, synthetic ester-based motorcycle oil trusted by championship-winning teams. Built on over two decades of racing heritage, it delivers exceptional engine cleanliness, shear stability, and thermal protection. The Tri-Synthetic formulation ensures superior film strength and stay-in-grade performance, while meeting the highest JASO MA2 standards for wet clutch compatibility in demanding racing conditions.

**Specs & Approvals:**  
API SP (Includes SN, SM, SL, SJ)  
JASO MA2 / MA

**Viscosity - Product Code:**  
15W-50 - 03100

4-STROKE

## SYNTHESIS MOTORCYCLE RANGE



A championship-winning range of advanced synthetic motorcycle engine oils, trusted for over 20 years at the highest levels of road racing. Each grade in the Synthesis Motorcycle series features a Tri-Synthetic formula using Ester, PAO, and next-generation base oils to ensure superior wear protection, reduced oil consumption, and outstanding engine cleanliness. All variants meet JASO MA2 wet clutch standards and are suitable for modern high-performance motorcycles with shared engine, gearbox, and clutch systems.

**Specs & Approvals:**  
API SP (Includes SN, SM, SL, SJ)  
JASO MA2 / MA

**Viscosities - Product Codes:**  
5W-30 - 04600  
10W-30 - 03080  
5W-40 - 03290  
10W-40 - 03132  
10W-50 - 03103  
10W-60 - 03363

4-STROKE

## TRM 20W-60



TRM 20W-60 is a high-performance racing oil engineered for extreme four-stroke engine demands. Formulated with large molecule synthetic base fluids, it offers superb thermal stability and enhanced protection for roller-bearing and V-type engines. Ideal for race, dirt, and road use, TRM delivers exceptional clutch performance, withstands shock loading, and reduces wear on camshafts and crankshafts – even under maximum stress.

**Specs & Approvals:**  
API SL, JASO MA

**Viscosity - Product Code:**  
20W-60 - 07040

4-STROKE

## SYNTHESIS 2 RACING



SYNTHESIS 2 RACING is a cutting-edge synthetic 2-stroke oil developed in collaboration with professional Grand Prix riders. Designed for pre-mix applications only, it blends high-performance Polyol Esters and large-molecule synthetics to deliver exceptional boundary lubrication, low wear, and outstanding thermal stability. With ultra-clean burn characteristics, it ensures maximum engine reliability with minimal deposits, even under the severest race conditions.

**Specs & Approvals:**  
JASO FD / FC, ISO-L-EGD

**Viscosity - Product Code:**  
Not viscosity-graded  
(2-Stroke pre-mix only)

07140

2-STROKE

## SYNTHESIS 2 INJECTOR



SYNTHESIS 2 INJECTOR is a high-quality synthetic 2-stroke lubricant designed for injector systems, with compatibility for pre-mix use when required. Its advanced formulation blends Polyol Esters and Poly Iso Butylenes for superior lubricity, wear protection, and ultra-clean burn characteristics. Offering low-smoke performance and excellent fluidity across temperatures, it's approved for use in a wide range of high-performance engines including ROTAX, SEA-DOO, and HUSQVARNA models.

**Specs & Approvals:**  
JASO FD / FC, ISO-L-EGD,  
API TC, ROTAX 253,  
HUSQVARNA 346 & 372  
Meets SEA-DOO requirements

**Viscosity - Product Code:**  
Not viscosity-graded  
(2-Stroke pre-mix only)

07130

2-STROKE





# ROAD & RACE

Visit [rockoil.co.uk](http://rockoil.co.uk) to browse our full product catalogue or to locate your nearest motorcycle product distributor.

## GUARDIAN MOTORCYCLE RANGE



The GUARDIAN MOTORCYCLE RANGE offers premium semi-synthetic 4-stroke engine oils developed for high-performance road bikes. Formulated with Ester-Guard technology and a robust additive system, this range provides excellent wear protection, deposit control, and cold-start performance. Fully compatible with modern catalyst systems and wet clutches, all grades meet JASO MA/MA2 standards and deliver outstanding reliability in everyday and demanding conditions.

**Specs & Approvals:**  
API SN  
(includes SM, SL, SJ, SH, SG),  
JASO MA / MA2

**Viscosities - Product Codes:**  
10W-30 - 01148  
10W-40 - 03400  
10W-50 - 04770  
20W-50 - 04780

4-STROKE

## GUARDIAN SIGMA 15W-50



GUARDIAN SIGMA 15W-50 is a high-performance semi-synthetic motorcycle engine oil designed for modern road bikes, including those fitted with catalytic converters. Its advanced detergent-rich formulation ensures outstanding engine cleanliness and corrosion resistance, while providing excellent cold-start protection. Fully compliant with JASO MA standards, it's suitable for wet clutch systems and delivers consistent performance in both everyday and demanding riding conditions.

**Specs & Approvals:**  
API SL, JASO MA

**Viscosity:** 15W-50

**Product Code:** 07210

4-STROKE

## MOTORCYCLE 10W-40



MOTORCYCLE 10W-40 is a premium semi-synthetic engine oil developed for modern high-performance 4-stroke motorcycles. Its advanced additive package delivers excellent engine protection, cleanliness, and corrosion resistance under harsh conditions. With reliable cold-start lubrication and compliance with JASO MA standards, it ensures smooth, predictable operation in wet clutch systems and supports long-lasting performance.

**Specs & Approvals:**  
API SL, JASO MA

**Viscosity:** 10W-40

**Product Code:** 03110

4-STROKE

## PP2



PP2 is a premium low-ash semi-synthetic 2-stroke oil designed for use in both injector systems and pre-mix applications. It delivers exceptional performance across a wide temperature range, offering superior protection against piston and crankshaft wear, along with reduced smoke and improved engine cleanliness. Ideal for high-performance two-stroke motorcycles and also suitable for SEA-DOO jet skis, PP2 ensures smooth throttle response and thermal stability under extreme conditions.

**Specs & Approvals:**  
JASO FC / FD, ISO-L-EGD  
Meets SEA-DOO requirements

**Viscosity:**  
Not viscosity-graded (2-Stroke)

**Product Code:** 07120

2-STROKE

## GAMMA RANGE



The GAMMA RANGE includes premium mineral-based 4-stroke engine oils designed for classic motorcycles and high-performance bikes where a traditional formulation is preferred. With a strong additive package, these oils deliver reliable protection against wear, deposits, and corrosion. Rapid cold-start performance and JASO MA wet clutch compatibility make the Gamma range a dependable choice for a wide range of road-going motorcycles.

**Specs & Approvals:**  
API SG (10W-40),  
API SJ (20W-50),  
JASO MA

**Viscosities - Product Codes:**

10W-40 - 03270  
20W-50 - 03280

4-STROKE

## ROAD 2



ROAD 2 is a versatile low-ash 2-stroke engine oil designed for road-going motorcycles, offering reliable performance in both injector and pre-mix systems. Developed to minimise smoke, reduce plug fouling, and combat carbon build-up, it delivers dependable protection at high RPMs. Suitable for air- and liquid-cooled engines where JASO FB or API TC lubricants are specified.

**Specs & Approvals:**  
JASO FB, API TC

**Viscosities:**  
Not viscosity-graded (2-Stroke)

**Product Code:** 07010

2-STROKE

## CLASSIC RANGE



The CLASSIC RANGE consists of monograde mineral engine oils specially formulated for vintage and classic motorcycles and other vehicles. Designed to avoid the seal-scavenging effects of modern multi-grade detergents, these oils feature tailored additive systems that maintain cleanliness and protect engine internals without compromising traditional gasket and seal materials. Ideal for use in engines, transmissions, and axles where monograde oils are specified.

**Specs & Approvals:**  
API SF / CD (SAE 30)

**Viscosities - Product Codes:**  
SAE 30 - 02032  
SAE 40 - 02041  
SAE 50 - 02071

4-STROKE



MINERAL

SEMI-SYNTHETIC



# OFF-ROAD

Visit [rockoil.co.uk](http://rockoil.co.uk) to browse our full product catalogue or to locate your nearest motorcycle product distributor.

## SYNTHESIS XRP OFF-ROAD RANGE



SYNTHESIS XRP OFF-ROAD is an advanced 100% synthetic motorcycle oil range, developed in partnership with leading off-road race teams. Using non-polar next-gen esters and a unique Tri-Synthetic base, these oils offer superior valve-train wear protection without compromising clutch performance. With proven gains in cleanliness, oil stability, and reduced friction, the range is optimised for extended drain intervals and the intense demands of off-road racing environments.

**Specs & Approvals:**  
API SP (Includes SN, SM, SL, SJ)  
JASO MA2 / MA

**Viscosities - Product Codes:**  
10W-40 - 03291  
10W-50 - 03101  
10W-60 - 03362

4-STROKE

## SYNTHESIS 2 RACING OFF-ROAD



SYNTHESIS 2 RACING OFF-ROAD is a high-performance synthetic 2-stroke oil developed specifically for off-road Grand Prix conditions. Formulated with advanced synthetic base stocks and large-molecule esters, it provides superior boundary lubrication, wear protection, and extreme thermal stability. Clean burning, smokeless, and pre-mix only, it ensures optimum performance in high-RPM off-road racing engines.

**Specs & Approvals:**  
JASO FD / FC, ISO-L-EGD

**Viscosity:**  
Not viscosity-graded  
(2-Stroke pre-mix only)

**Product Code:** 07145

2-STROKE

## SYNTHESIS 2 INJECTOR OFF-ROAD



SYNTHESIS 2 INJECTOR OFF-ROAD is a synthetic 2-stroke lubricant engineered for demanding off-road environments. Designed primarily for injector systems and also suitable for pre-mix use, it combines advanced synthetic base stocks with modern additive technology to deliver exceptional cleanliness, low smoke, and reliable piston and crankshaft protection. Its proven performance extends to off-road bikes and jet skis alike.

**Specs & Approvals:**  
JASO FD / FC, ISO-L-EGD,  
API TC, ROTAX 253,  
HUSQVARNA 346 & 372,  
Meets SEA-DOO requirements

**Viscosity:**  
Not viscosity-graded (2-Stroke)

**Product Code:** 07138

2-STROKE

## STRAWBERRY TRIAL 2



STRAWBERRY TRIAL 2 STROKE is a high-performance low-ash synthetic 2-stroke oil designed for off-road motorcycles, featuring a distinctive sweet strawberry fragrance. Suitable for both injector and pre-mix systems, it delivers excellent protection against pre-ignition and thermal stress. This clean-burning formulation provides enhanced throttle response, minimal smoke, and improved engine cleanliness, even under severe conditions.

**Specs & Approvals:**  
JASO FC / FD, ISO-L-EGD,  
Meets SEA-DOO requirements

**Viscosity:**  
Not viscosity-graded (2-Stroke)

**Product Code:** 07201

2-STROKE

## GUARDIAN MOTORCYCLE OFF-ROAD 10W-40



GUARDIAN MOTORCYCLE OFF-ROAD 10W-40 is a premium semi-synthetic 4-stroke engine oil developed for modern high-performance off-road motorcycles. Its high-detergency formula provides excellent protection against wear, deposits, and corrosion, while ensuring smooth operation under harsh off-road conditions. Fully JASO MA/MA2 compliant and catalyst-friendly, it supports clean clutch engagement and superior reliability from start-up to peak load environments.

**Specs & Approvals:**  
API SN (incl. SM, SL, SJ, SH, SG)  
JASO MA / MA2

**Viscosity:**  
10W-40

**Product Code:** 03401

4-STROKE

## K2 PLUS



K2 PLUS is a high-performance semi-synthetic 2-stroke racing oil developed for modern off-road motorcycles operating under extreme conditions. Its clean-burning, low-ash formula provides exceptional film and shear strength for critical component protection. Designed exclusively for pre-mix systems (up to 50:1), K2 Plus delivers outstanding throttle response and is compatible with most other semi- and synthetic oils.

**Specs & Approvals:**  
JASO FD / FC, ISO-L-EGD

**Viscosity:**  
Not viscosity-graded  
(2-Stroke pre-mix only)

**Product Code:** 07050

2-STROKE

## RACING CASTOR



RACING CASTOR OIL is a traditional castor-based lubricant with SAE 40 viscosity, ideal for vintage, speedway, and grass track applications. Formulated for both two-stroke pre-mix and four-stroke total loss or recirculating systems, it offers superior lubricity, high shear stability, and exceptional protection under extreme conditions. A firm favourite for classic racing enthusiasts seeking period-correct lubrication with modern reliability.

**Specs & Approvals:**  
Not classified under modern API  
or JASO standards. For use with  
petrol or methanol fuels.

**Viscosity:** SAE 40

**Product Code:** 14400

RACING CASTOR

## QUAD OIL 10W-40



QUAD OIL 10W-40 is a high-performance semi-synthetic lubricant specifically designed for modern quad bikes with compact, high-revving engines. Formulated from a blend of mineral and synthetic base stocks, it offers excellent thermal stability, reduced oil thickening, and reliable wear protection. Fully JASO MA2 compliant and compatible with wet clutch systems, it ensures smooth performance across a wide range of operating temperatures.

**Specs & Approvals:**  
API SL / CG-4, JASO MA2

**Viscosity:** 10W-40

**Product Code:** 03012

4-STROKE

SEMI-SYNTHETIC

SEMI-SYNTHETIC

SYNTHETIC



# SCOOTER



# SUPPORT PRODUCTS

## CITY 2 PLUS



CITY 2 PLUS is a synthetic low-smoke 2-stroke oil designed for modern scooters. Formulated with advanced synthetic base stocks and cutting-edge additive technology, it delivers excellent lubrication, engine cleanliness, and wear protection. Suitable for injector systems and pre-mix use, City 2 Plus ensures smooth, clean performance in urban and high-demand riding conditions.

**Specs & Approvals:**  
JASO FD / FC, ISO-L-EGD

**Viscosity:**  
Not viscosity-graded (2-Stroke)

**Product Code:** 07134

2-STROKE

## CITY 4 PLUS RANGE



CITY 4 PLUS is a premium range of synthetic scooter engine oils engineered to deliver outstanding thermal stability, wear protection, and fuel efficiency. Whether navigating stop-start city traffic or enduring high-speed riding, City 4 Plus offers exceptional cleanliness and extended engine life. Developed with ester-based synthetics and modern additive systems, this range is suitable for modern scooters, including those fitted with catalytic converters.

**Specs & Approvals:**  
API SP  
JASO MB (5W-40 & 5W-50)  
ACEA A5/B5 (0W-30)

**Viscosities - Product Codes:**  
0W-30 - 00382  
5W-40 - 03084  
5W-50 - 12510

4-STROKE

## CITY 2



CITY 2 is a high-quality semi-synthetic 2-stroke oil developed for scooters using either injector or pre-mix systems. Its low-ash formulation provides excellent protection against pre-ignition and thermal degradation while promoting cleaner combustion and reduced smoke. Designed for everyday urban use, it enhances throttle response and maintains cleanliness across a wide temperature range.

**Specs & Approvals:**  
JASO FD / FC, ISO-L-EGD

**Viscosity:**  
Not viscosity-graded (2-Stroke)

**Product Code:** 07280

2-STROKE

## CITY 4 10W-40



CITY 4 10W-40 is a premium semi-synthetic engine oil formulated for high-performance 4-stroke scooters. Combining high-quality base oils, including complex esters, with advanced additive technology, it provides excellent resistance to wear, deposits, and sludge formation. Fully compatible with catalytic converters, City 4 ensures smooth operation and long engine life in both city and high-load conditions.

**Specs & Approvals:**  
API SN  
JASO MB

**Viscosity:** 10W-40

**Product Code:** 03015

4-STROKE

## AEROSOLS

### DIRT BLASTER



A high-performance, biodegradable cleaner designed to remove dirt, oil, and grease from motorcycles. Safe for most materials and surfaces, DIRT BLASTER is effective even in hard water areas and can be used undiluted or through pressure washers. Ideal for thorough cleaning with minimal effort.

- Biodegradable and caustic soda free
- Safe for most components
- Highly effective in hard water areas
- Suitable for pressure washer use (hot or cold)
- Can be diluted up to 1:100 with water
- Product Code: 00500

### BRAKE KLEEN



A highly efficient, general-purpose cleaning solvent formulated to replace 1.1.1-trichloroethane. BRAKE KLEEN evaporates rapidly, leaving no residue, and is safe for use on most metals, plastics, and fibres. Ideal for fast and effective cleaning of brake components, electrical apparatus, and delicate instruments.

- Low toxicity
- Leaves no residue and prevents corrosion
- Safe on most plastics and fibres (spot testing advised)
- Quick evaporation
- Suitable for cleaning electrical equipment
- Product Code: 60081

### CARB KLEEN



A specialised blend of solvents and cleaning agents designed for effective removal of oil, grease, gum, and varnish from carburettor and fuel injection systems. CARB KLEEN improves engine efficiency and is safe for use on modern fuel systems.

- Removes oil, grease, gum, and varnish
- Helps improve engine efficiency
- Suitable for carburettor and fuel injection systems
- Ozone friendly
- Product Code: 14640

### ROCKEZE



A high-performance, light hydrocarbon-based rust preventative treated with advanced corrosion inhibitors, dewatering agents, and friction modifiers. ROCKEZE penetrates deeply into rust-bound parts, providing excellent protection and freeing seized components without leaving thick greasy residues.

- Penetrates into tight, inaccessible areas
- Excellent dewatering properties
- Clean, non-greasy finish
- Protects all metals and alloys
- Easy to remove with solvents or degreasers
- VOC-free and non-flammable
- Product Code: 04070

### WHITE SPRAY GREASE



A high-quality, multi-purpose grease enhanced with water-repellent additives, ideal for applications requiring extreme water resistance. WHITE SPRAY GREASE is widely used across industry, marine, and automotive sectors in anti-friction and plain bearings, as well as pumping equipment where water ingress can compromise performance.

- Versatile multi-purpose grease
- Excellent water resistance
- Superior corrosion protection
- Good sealing properties
- Product Code: 64040

SYNTHETIC

SYNTHETIC



# SUPPORT PRODUCTS

Visit [rockoil.co.uk](http://rockoil.co.uk) to browse our full product catalogue or to locate your nearest motorcycle product distributor.

## AEROSOLS

### CHAIN WAX



A premium wax-based lubricant designed to protect and extend the life of motorcycle chains and sprockets. Applied as a liquid from an aerosol, it penetrates deep into the chain before thickening into a durable wax layer. Reduces friction, noise, and wear, helping deliver smoother power and longer component life.

- Forms a protective wax film
- Reduces friction and noise
- Absorbs shock between chain and sprocket
- Helps extend chain and sprocket life
- Product Code: 07230

### CHAIN LUBE



A mineral/synthetic composite chain lubricant formulated for high-performance motorcycle applications. Aerosol application ensures thorough coverage and penetration into chain rollers and pins. Thickens into a robust film that resists fling-off and protects against shock loads, wear, and corrosion. Suitable for all 'O' ring and 'X' ring chains.

- Penetrates deeply into chain components
- Thickens into a viscous, extreme-pressure lubricant
- Anti-corrosion and dewatering additives
- Product Code: 07080

### KONTACT KLEEN



A specialist cleaner formulated to remove hydrocarbon deposits, oils, dirt, and waxes from electrical apparatus and delicate circuitry. KONTACT KLEEN leaves no residue and evaporates quickly, making it perfect for cleaning sensitive components prior to sticker placement or reassembly.

- Non-toxic and non-corrosive
- Excellent water removal properties
- Leaves no residue
- Ideal for cleaning electrical and delicate components
- Product Code: 60231

### NON-SILICONE BIKE WAX



A silicone-free polish spray designed to deliver instant and lasting protection and shine for all painted motorcycle surfaces. NON-SILICONE BIKE WAX is suitable for use on aluminium, carbon, titanium, paintwork, helmets, engines, panels, fairings, and leather, making it the ideal choice for riders seeking non-slippery finishes for racing and road use.

- Provides lasting protection and shine
- Non-silicone formula ideal for racing applications
- Conditions fairings, engines, panels, leather, and helmets
- Helps keep surfaces clean and dirt-free
- Product Code: 14635

### SILICONE BIKE SHINE



A multi-functional silicone spray designed to protect, lubricate, and enhance motorcycle components. SILICONE BIKE SHINE creates a protective coating that helps repel dirt while improving the appearance of fairings, engines, panels, leather, and helmets. Also effective for waterproofing critical electrical components like HT leads.

- Conditions and protects various motorcycle parts
- Helps keep surfaces free from dirt
- Waterproofs vital electrical components
- Product Code: 14630

### SOC (SOLUBLE OIL CLEANER)



A kerosene-based cleaner enhanced with advanced surfactants for rapid and thorough removal of grease, oil, and grime from all surfaces. SOC is ideal for everything from intricate engine parts to workshop floors and is suitable for use in parts washers where non-aqueous solutions are preferred. Available in aerosol form for added convenience.

- High-performance cleaning action
- Suspends dirt particles for thorough removal
- Dyed blue for easy identification
- Effective on a wide range of surfaces
- Available as liquid or aerosol
- Product Code: 04060

## SUSPENSION OILS

### SYNTHESIS SVI RANGE

SYNTHETIC



Ultra-high performance synthetic racing suspension fluids with advanced carbon friction modifier technology for low stiction and ultimate suspension feel. Proven in top-level racing.

**Specs & Approvals:**  
DIN 51524 pt 3, Type HV, SAE MS1004, ISO 11158 HV

**Viscosities - Product Codes:**  
SVI 2.5 - 05110  
SVI 3.5 - 05720  
SVI 5 - 05730  
SVI 6 - 05740

### SVI SUSPENSION FLUID SERIES

SEMI-SYNTHETIC



Semi-synthetic suspension fluids formulated for excellent damping stability and low foaming tendencies. Fully mixable for precise tuning. Suitable for cartridge forks and a wide range of applications.

**Viscosities - Product Codes:**  
SVI 5 - 05120  
SVI 7.5 - 05130  
SVI 10 - 05140  
SVI 15 - 05150  
SVI 20 - 05160  
SVI 30 - 05084

## AIR FILTER OILS

### FACTORY FOAM AIR FILTER OIL



A high-performance synthetic oil designed to protect motorcycle foam air filters under extreme conditions, from dusty deserts to wet, muddy trails. It forms a durable, water-resistant barrier against dirt and debris, while maintaining airflow for engine performance. Regular use extends filter life and keeps your bike running efficiently.

**Features:**  
Synthetic formulation  
Water-resistant  
Excellent dust retention  
Helps maintain optimal airflow  
  
**Product Code: 07060**

### FACTORY ECO FOAM



An environmentally conscious, non-mineral, water-soluble fluid offering high-performance protection for foam air filters. Easy to wash out with water alone, removing the need for separate cleaning products and saving time and cost. Compatible with all foam filter materials without causing swelling or shrinkage.

**Features:**  
Non-mineral, water-soluble  
Environmentally friendly  
No separate cleaner required  
Compatible with all foam filter materials  
**Product Code: 07160**

### FACTORY FOAM KLEEN



A powerful yet gentle cleaner specifically formulated for motorcycle air filters. Effectively dissolves dirt, oil, and grime without harming delicate filter materials. Suitable for all filter types, it helps ensure airflow and prolongs filter life. Best used before re-oiling with Rock Oil Factory Foam Filter Oil or Factory Eco Foam.

**Features:**  
Safe on foam and gauze filters  
Effectively removes dirt and oil  
Helps maintain engine performance  
Supports longer filter life  
  
**Product Code: 00310**



# SUPPORT PRODUCTS

Visit [rockoil.co.uk](http://rockoil.co.uk) to browse our full product catalogue or to locate your nearest motorcycle product distributor.

## GEARBOX OILS

### SYNTHESIS XRP GEARBOX OIL



A synthetic, race-developed gearbox oil designed to reduce friction and deliver increased net power. Offers outstanding wear protection and keeps gear components clean and cool under extreme conditions. Safe for wet clutch systems.

Specs & Approvals:  
API GL-1, API SN, JASO MA / MA2

Viscosity Grade: 5W-30  
Viscosity Grade (Gear): 75W-85

Product Code: 03213

### GEAR PRO 75W



A synthetic gearbox oil formulated for competition trials machines, delivering smooth clutch operation and precise gear changes. Provides excellent thermal stability and wear protection.

Specs & Approvals:  
API GL-4

Viscosity Grade (Gear): 75W-85  
Product Code: 06841

### GRO RACING GEAR OIL



High-performance synthetic gearbox oil for modern high-power, high-load multi-speed motorcycle gearboxes. Delivers maximum anti-wear protection, excellent thermal stability, and safe performance in wet clutch systems.

Specs & Approvals:  
API GL-4, JASO MA2 / MA

Designed for use where 10W-40, 15W-40 or 75W-90 viscosity is required

Product Code: 06190

### LITE GEAR OIL (LGO)



Semi-synthetic high-performance gearbox oil for modern multi-speed gearboxes requiring lower viscosities. Provides excellent thermal stability, wear protection, and reduced friction for smoother shifting. Safe for wet clutch systems.

Specifications:  
API GL-4, JASO MA2 / MA

Designed for use where 10W-30 or 75W-85 viscosity is required

Product Code: 02100

## RACING BRAKE FLUID

### DOT 4 RACING BRAKE FLUID



Specifically developed for the demands of racing disc brakes and hydraulic systems subjected to extreme heat. DOT 4 RACING BRAKE FLUID offers an exceptionally high boiling point and outstanding pedal and lever firmness, making it the perfect choice for racing and performance applications.

Specs & Approvals:

SAE J1703, SAE J1704

US FMVSS 116 DOT 4

Product Code: 60190

## COOLANTS

### ICED KOOL



High-performance, ready-to-use coolant designed to help engines run cooler in arduous racing conditions. Suitable for all engines including aluminium alloys. Utilises OAT inhibitor technology and offers long-lasting corrosion protection.

Specs & Approvals:  
ASTM D3306 TYPE II D5216, BS 6580 (1992), AFNOR NF R15-601 (except reserve alkalinity)

Freezing Point - Product Code:  
-34°C - 01830

### KOOL-GUARD MEG -38



High-performance, mono ethylene glycol-based, ready-to-use engine coolant employing Inorganic Acid Technology (IAT). Delivers reliable year-round protection against freezing, overheating, and corrosion. Contains borate and silicate for robust multi-metal protection.

Specs & Approvals:  
AFNOR NF R15-601, AS 2108, ASTM D3306, BS 6580 (2010), BTC Classification Type 2E, CUNA NC 956-16, FVV Heft R443, ONORM V 5123, SAE J1034, UNE 26-361

Freezing Point - Product Code:  
-38°C - 08650

### KOOL-GUARD XL -38



High-performance ethylene glycol-based coolant employing Organic Acid Inhibitor Technology (OAT). Pre-diluted and ready to use, offering long-term corrosion protection for up to 5 years or 250,000 km. Compatible with a wide range of OEM specifications across automotive and commercial applications.

Specs & Approvals:  
ASTM D3306, BS 6580 (2010), SAE J1034, JIS K2234, AFNOR NF R15-601 (except reserve alkalinity), Chrysler MS 9176, Ford WSS-M97B44-D, GM 1899M, MAN 324 (SNF), Mercedes/Daimler Truck MB 325.3 (DTFR 29C110), Renault 41-01-001-D, VAG TL 774D/F (G12/G12+), VOLVO VCS (except colour)

Freezing Point - Product Code:  
-38°C - 08670

See catalogue entry online for full list of specs.



SYNTHETIC

SEMI-SYNTHETIC