

# XHYPE<sup>®</sup>

*THE FUTURE OF PERFORMANCE*

## Automotive Lubricants

2024



© XHYPE GROUP Ltd







XHYPE® specialises in producing and supplying high-performance lubricants for cars and motorbikes.

We focus on delivering lubricant perfection. Our mission is to orchestrate a sustainable enterprise dedicated to innovation.

In our mission to push boundaries, collaboration is at the forefront of our commitment as we strive to unlock partnerships and form alliances.

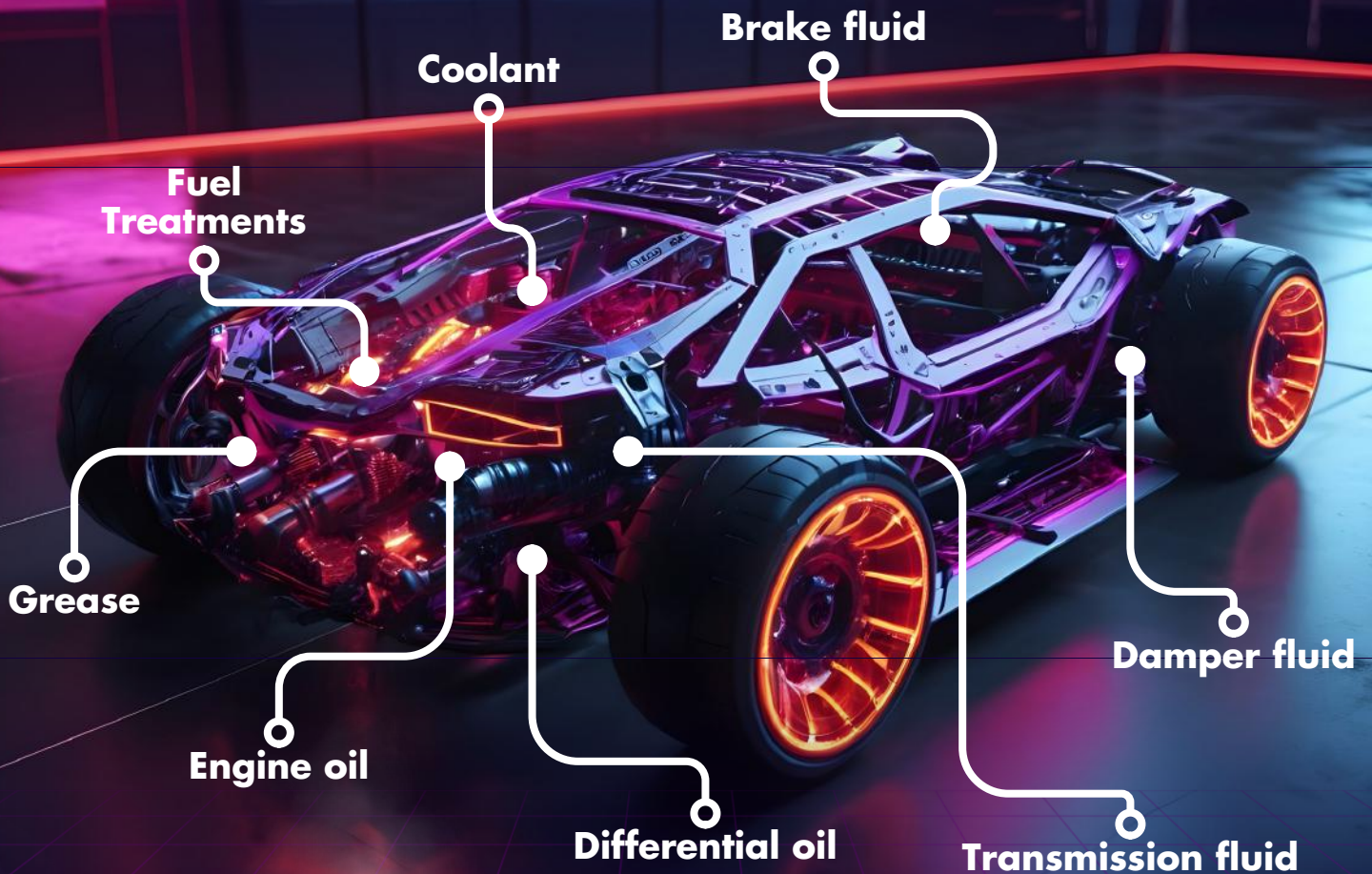
These continued innovations and aspirations motivate us to ascend towards the pinnacle of automotive excellence.

**Join us on our journey as we unlock The Future Of Performance.**

**Wayne Philips**  
Founder

**THE FUTURE OF PERFORMANCE**

**XHYPE**



## Extensive selection of lubricants to meet your performance needs

XHYPE are proud to provide an elite selection of oils and fluid treatments, meticulously designed to boost the performance of your vehicle.



Scan for more










**“We are driven to elevate your business to new levels of success”**



**As an XHYPE® VIP product distributor, you will:**

-  Be authorised to sell our performance lubricants and merchandise
-  Receive full marketing, sales, and logistics support
-  Receive wholesale discounts on our entire product range
-  Be assigned a dedicated business success manager
-  Have access to our VIP portal





# What are Performance Levels?

To qualify as a high grade engine oil, it must triumph in a series of tests and meet or exceed cutting-edge performance levels.

These benchmarks are determined by independent organisations such as API and ACEA. These organisations constantly work on creating a classification system for engine oils to help indicate which oils meet industry standards.

In addition to these, Original Equipment Manufacturers (OEM) also conduct tests, subjecting oil to examinations that go beyond industry norms, ensuring compliance not only with external benchmarks but also with governmental requirements aimed at curbing emissions.



The American Petroleum Institute (API) sets the global industry standards for the oil and natural gas sector, ensuring safety, reliability and environmental sustainability. By advocating for the industry, it also helps shape energy policies and regulations.



ACEA (the European Automobile Manufacturers Association) engine oil specifications are designed to ensure that the oil can provide the necessary performance to meet the demands of modern engines.



OEM oil is a type of lubricant that is specifically formulated to meet the standards and specifications set by the manufacturer of your vehicle or equipment. It's designed to ensure optimal performance, longevity and efficiency of the engine or machinery it's used in.



Ferrari





# GRAVITY<sup>®</sup> DRIVE



## Performance motor oils

Introducing the Gravity<sup>®</sup> Drive series, a cutting edge range of engine oils designed to elevate performance. Engineered specifically for use in cars and motorbikes both on and off the track, Gravity<sup>®</sup> Drive engine oils redefine lubrication excellence. Our fully synthetic high-performance motor oil is blended with our FluXion<sup>®</sup> Ester Technology, providing superior high-temperature resistance for better controlled oil consumption.

Our oils endure severe thermal conditions even during cold starts, sustaining robust protection even under the most intense engine demands.

A must-have for drivers seeking peak performance from their vehicles.



**FluXion<sup>®</sup>**  
**ESTER TECHNOLOGY**



**PROTECT**



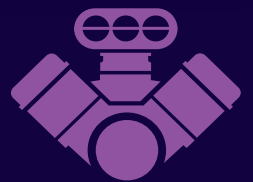
**CLEAN**



**COOL**



**BOOST**



**EXTEND**



# Performance oil range

For passenger cars

**GRAVITY**  
DRIVE



**NEO**

**5W-30**

Meets or exceeds

**ACEA A5/B5-16**

Fully synthetic performance engine oil for Petrol, Diesel and Hybrid engines.

Available in 4L

SKU UK-10000K011



**FLUX**

**5W-30**

Meets or exceeds

**ACEA C2/C3**

Fully synthetic performance engine oil for Petrol, Diesel and Hybrid engines.

Available in 4L

SKU UK-10000K028



**ECHO**

**5W-40**

Meets or exceeds

**ACEA A3/B4**

Fully synthetic performance engine oil for Petrol, Diesel and Hybrid engines.

Available in 4L

SKU UK-10000K035



**PULSE**

**5W-30**

Meets or exceeds

**ACEA C3/VW C30**

Fully synthetic performance engine oil for Petrol, Diesel and Hybrid engines.

Available in 4L

SKU UK-10000K042



**RACE**

**10W-60**

Meets or exceeds

**ACEA A3/B4**

Fully synthetic performance engine oil for Petrol, Diesel and Hybrid engines.

Available in 4L

SKU UK-10000K073



# Driven to perform: Unleashing power in motorsport

Our products empower racers across the country helping them achieve peak performance on every track, from sidecar racing to drag racing, we create winners.





Meets or exceeds

**ACEA**

A5/B5-16

**API**

SN/CF

**GRAVITY<sup>®</sup>**  
**DRIVE**

**NEO**

**5W-30**

Passenger car > Petrol / Diesel / Hybrid

Gravity<sup>®</sup> Drive NEO, our pinnacle 5W-30, ACEA A5/B5 Full SAPS, fully synthetic engine oil, boasts our cutting edge low-friction FluXion<sup>®</sup> Ester Technology for heightened power and torque. Tailored for high-performance Petrol/Diesel/Hybrid cars, it excels in naturally aspirated and forced induction setups.

Its robust formulation supports dilution challenges, including exposure to ethanol, E10, E85, methanol, nitromethane, cetane, octane boosters and nitrous oxide.

Enduring severe thermal conditions, it aligns seamlessly with modern after-treatment systems, meeting or exceeding the requirements of ACEA A5/B5 standards for enhanced piston cleanliness and soot handling. With exceptional wear protection and high-temperature resistance for better controlled oil consumption and superior on-track engine performance, satisfying demanding oil drain intervals for both track and daily road use—a must-have for drivers seeking peak performance from their engines.

**FluXion<sup>®</sup>**  
**ESTER TECHNOLOGY**

**Performance levels  
meets or exceeds**

- Ford WSS-M2C913-A
- Ford WSS-M2C913-B
- Ford WSS-M2C913-C
- Ford WSS-M2C913-D
- Jaguar STJLR.03.5003
- Land Rover STJLR.03.5003
- Mercedes-Benz 229.6
- Renault RN0700

## Benefits

- ✓ Increased engine power and torque
- ✓ Superior oil film strength under all engine operation conditions
- ✓ Enhanced engine cleanliness and sludge prevention
- ✓ Excellent cold start-up performance
- ✓ Enhanced wear protection
- ✓ Superior protection for exhaust catalyst and diesel particulate filters

## Typical characteristics

		ASTM
Kinematic Viscosity @104°F/40°C	68.35 cSt	D-7042
Kinematic Viscosity @212°F/100°C	11.5 cSt	D-7043
Viscosity Index	164	D-2270
SP. Gravity @15°C/60°F	0.85 g/cm <sup>3</sup>	D-4052
Flash Point (min/max)	224°C / -42°C	D-92 / D-97
Total Base Number	10 mg KOH/g	D-2896
Cold Cranking Simulator	<6600 (-30°C) m.Pa.S	D-5293



**PROTECT**



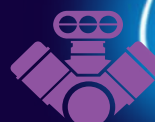
**CLEAN**



**COOL**



**BOOST**



**EXTEND**

MPN 9863033-4  
SKU UK-1000K011



Meets or exceeds

**ACEA**

C2/C3

**API**

SN/CF

**GRAVITY<sup>®</sup>**  
**DRIVE**

**FLUX**

**5W-30**

Passenger car > Petrol / Diesel / Hybrid

Gravity<sup>®</sup> Drive Flux, our pinnacle 5W-30, ACEA C2/C3 Mid SAPS fully synthetic engine oil, boasts our cutting edge low friction FluXion<sup>®</sup> Ester Technology for heightened power and torque. Tailored for high-performance Petrol/Diesel/Hybrid cars, it excels in naturally aspirated and forced induction setups.

Its robust formulation supports dilution challenges, including exposure to ethanol, E10, E85, methanol, nitromethane, cetane, octane boosters and nitrous oxide.

Enduring severe thermal conditions, it aligns seamlessly with modern after-treatment systems, meeting or exceeding the requirements of ACEA C2/C3 standards for enhanced piston cleanliness and soot handling. With exceptional wear protection and high-temperature resistance for better controlled oil consumption and superior on-track engine performance, satisfying demanding oil drain intervals for both track and daily road use—a must-have for drivers seeking peak performance from their engines.

**FluXion<sup>®</sup>**  
**ESTER TECHNOLOGY**

**Performance levels  
meets or exceeds**

- BMW LL-04
- General Motors Dexos 2
- Mercedes-Benz 229.52
- Mercedes-Benz 226.5
- Renault RN0700
- Renault RN0710
- Volkswagen 505 00
- Volkswagen 505 01

## Benefits

- ✓ Increased engine power and torque
- ✓ Superior oil film strength under all engine operation conditions
- ✓ Enhanced engine cleanliness and sludge prevention
- ✓ Excellent cold start-up performance
- ✓ Enhanced wear protection
- ✓ Superior protection for exhaust catalyst and diesel particulate filters

## Typical characteristics

		ASTM
Kinematic Viscosity @104°F/40°C	68.4 cSt	D-445
Kinematic Viscosity @212°F/100°C	11.6 cSt	D-445
Viscosity Index	166	D-2270
SP. Gravity @15°C/60°F	0.85 g/cm <sup>3</sup>	D-4052
Flash Point (min/max)	234°C / -42°C	D-92 / D-97
Total Base Number	8 mg KOH/g	D-2896
Cold Cranking Simulator	<6600 (-30°C) m.Pa.S	D-5293



**PROTECT**



**CLEAN**



**COOL**



**BOOST**



**EXTEND**

MPN 9863044-4  
SKU UK-1000K028



Meets or exceeds

**ACEA**

A3/B4

**API**

SN/CF

**GRAVITY<sup>®</sup>**  
**DRIVE**

**ECHO**

**5W-40**

Passenger car > Petrol / Diesel / Hybrid

Gravity® Drive ECHO, our pinnacle 5W-40, ACEA A3/B4 Full SAPS fully synthetic engine oil, boasts our cutting edge low friction FluXion® Ester Technology for heightened power and torque. Tailored for high-performance Petrol/Diesel/Hybrid cars, it excels in naturally aspirated and forced induction setups.

Its robust formulation supports dilution challenges, including exposure to ethanol, E10, E85, methanol, nitromethane, cetane, octane boosters and nitrous oxide.

Enduring severe thermal conditions, it aligns seamlessly with modern after-treatment systems, meeting or exceeding the requirements of ACEA A3/B4 standards for enhanced piston cleanliness and soot handling. With exceptional wear protection and high-temperature resistance for better controlled oil consumption and superior on-track engine performance, satisfying demanding oil drain intervals for both track and daily road use—a must-have for drivers seeking peak performance from their engines.

**FluXion<sup>®</sup>**  
**ESTER TECHNOLOGY**

**Performance levels  
meets or exceeds**

- BMW LL-04
- Mercedes-Benz 229.3
- Mercedes-Benz 226.5
- Mercedes-Benz 229.5
- Porsche A40
- PSA Peugeot B71 2269
- Renault RN0700
- Renault RN0710
- Volkswagen 502 00
- Volkswagen 505 00

## Benefits

- ✓ Increased engine power and torque
- ✓ Superior oil film strength under all engine operation conditions
- ✓ Enhanced engine cleanliness and sludge prevention
- ✓ Excellent cold start-up performance
- ✓ Enhanced wear protection
- ✓ Superior protection for exhaust catalyst and diesel particulate filters

## Typical characteristics

		ASTM
Kinematic Viscosity @104°F/40°C	91 cSt	D-445
Kinematic Viscosity @212°F/100°C	15 cSt	D-445
Viscosity Index	173	D-2270
SP. Gravity @15°C/60°F	0.851 g/cm <sup>3</sup>	D-4052
Flash Point (min/max)	230°C / -42°C	D-92 / D-97
Total Base Number	10.5 mg KOH/g	D-2896
Cold Cranking Simulator	<6600 (-30°C) m.Pa.S	D-5293



**PROTECT**



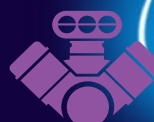
**CLEAN**



**COOL**



**BOOST**



**EXTEND**

MPN 9863055-4  
SKU UK-1000K035



Meets or exceeds

**ACEA**

C3/MW C30

**API**

SN

**GRAVITY<sup>®</sup>**  
**DRIVE**

**PULSE** **5W-30**

Passenger car > Petrol / Diesel / Hybrid

Gravity<sup>®</sup> Drive PULSE, our pinnacle 5W-30, ACEA C3 Full SAPS fully synthetic engine oil, boasts our cutting edge, low friction FluXion<sup>®</sup> Ester Technology for heightened power and torque. It is designed to meet the requirements of the Volkswagen Audi Group (VAG), including Bentley, Lamborghini, Seat, Skoda and Porsche. Suitable for Petrol/Diesel/Hybrid passenger cars & light commercial vehicles equipped with Diesel particulate filters (DPF) and Three-way catalytic converter (TWC) systems. Its robust formulation supports dilution challenges, including exposure to ethanol, E10, E85, methanol, nitromethane, cetane, octane boosters and nitrous oxide.

Enhanced piston cleanliness and soot handling. With exceptional wear protection and high-temperature resistance for better-controlled oil consumption and superior on-track engine performance, satisfying demanding oil drain intervals for both track and daily road use—a must-have for drivers seeking peak performance from their engines.

## Benefits

- ✔ Increased engine power and torque
- ✔ Superior oil film strength under all engine operation conditions
- ✔ Enhanced engine cleanliness and sludge prevention
- ✔ Excellent cold start-up performance
- ✔ Enhanced wear protection
- ✔ Superior protection for exhaust catalyst and diesel particulate filters

## Typical characteristics

		ASTM
Kinematic Viscosity @104°F/40°C	67.75 cSt	D-445
Kinematic Viscosity @212°F/100°C	11.8 cSt	D-445
Viscosity Index	172	D-2270
SP. Gravity @15°C/60°F	0.852 g/cm <sup>3</sup>	D-4052
Flash Point (min/max)	230°C / -42°C	D-92 / D-97
Total Base Number	8 mg KOH/g	D-2896
Cold Cranking Simulator	<6600 (-30°C) m.Pa.S	D-5293

**FluXion<sup>®</sup>**  
**ESTER TECHNOLOGY**

**Performance levels meets or exceeds**

- BMW LL-04
- Mercedes-Benz 229.31
- Mercedes-Benz 229.51
- Porsche C30
- Volkswagen 505 01
- Volkswagen 501 01
- Volkswagen 502 00
- Volkswagen 503 00 / 01
- Volkswagen 504 00
- Volkswagen 505 00 / 01
- Volkswagen 506 00 / 01
- Volkswagen 507 00



**PROTECT**



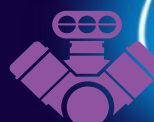
**CLEAN**



**COOL**



**BOOST**



**EXTEND**

MPN 9863066-4  
SKU UK-5000K004



Meets or exceeds

**ACEA**

A3/B4

**API**

SN/CF

**GRAVITY<sup>®</sup>**  
**DRIVE**

**RAGE**

**10W-60**

Passenger car > Petrol / Diesel / Hybrid

Gravity<sup>®</sup> Drive RAGE, our pinnacle 10W-60, ACEA A3/B4 Full SAPS fully synthetic engine oil, boasts our cutting edge low friction FluXion<sup>®</sup> Ester Technology for heightened power and torque. Tailored for high-performance Petrol/Diesel/Hybrid cars, it excels in naturally aspirated and forced induction setups.

**FluXion<sup>®</sup>**  
**ESTER TECHNOLOGY**

Its robust formulation supports dilution challenges, including exposure to ethanol, E10, E85, methanol, nitromethane, cetane, octane boosters and nitrous oxide.

Enduring severe thermal conditions, it aligns seamlessly with modern after-treatment systems, meeting or exceeding the requirements of ACEA A3/B4 standards for enhanced piston cleanliness and soot handling. With exceptional wear protection and high-temperature resistance for better controlled oil consumption and superior on-track engine performance, satisfying demanding oil drain intervals for both track and daily road use—a must-have for drivers seeking peak performance from their engines.

## Benefits

- ✔ Increased engine power and torque
- ✔ Superior oil film strength under all engine operation conditions
- ✔ Enhanced engine cleanliness and sludge prevention
- ✔ Excellent cold start-up performance
- ✔ Enhanced wear protection
- ✔ Superior protection for exhaust catalyst and diesel particulate filters

## Typical characteristics

		ASTM
Kinematic Viscosity @104°F/40°C	165.3 cSt	D-7042
Kinematic Viscosity @212°F/100°C	25.42 cSt	D-7042
Viscosity Index	188	D-2270
SP. Gravity @15°C/60°F	0.8650 g/cm <sup>3</sup>	D-4052
Flash Point (min/max)	234°C / -39°C	D-92 / D-97
Total Base Number	10.13 mg KOH/g	D-2896
Cold Cranking Simulator	<7000 (-25°C) m.Pa.S	D-5293



**PROTECT**



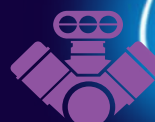
**CLEAN**



**COOL**



**BOOST**



**EXTEND**

MPN 9863066-4  
SKU UK-1000K073



# GRAVITY<sup>®</sup>

**RIDE**



**10W-40**

## Performance oil

For Motorcycle, 4-Stroke, Scooters & ATV



**FluXion<sup>®</sup>**  
**ESTER TECHNOLOGY**



Meets or exceeds

**JASO**

MA2

**API**

SN

**GRAVITY<sup>®</sup>**  
RIDE

**MOTO**

**10W-40**

Motorcycle, ATV, Scooter > Petrol 4T

Gravity<sup>®</sup> Ride MOTO 4T, our pinnacle 10W-40, JASO MA2, fully synthetic 4-stroke engine oil, boasts cutting edge low friction FluXion<sup>®</sup> Ester Technology for heightened power and torque. Tailored for performance, high-revving 4-stroke and v-type engines, air-cooled / water-cooled, scooters and ATV.

Its robust formulation supports dilution challenges, including exposure to ethanol, E10, E85, methanol, nitromethane, cetane, octane boosters and nitrous oxide.

Gravity<sup>®</sup> Ride is designed for configurations using an engine/transmission lubrication system focusing on consistent clutch feel and launch coefficients. The ultimate 4-stroke performance engine oil for riders looking to get more out of their motorcycle.

**FluXion<sup>®</sup>**  
ESTER TECHNOLOGY

## Benefits

- ✔ Outstanding shear stability and endurance
- ✔ Excellent cleaning properties for long-term and optimum performance
- ✔ Constant high friction form for wet clutch performance
- ✔ Outstanding lubrication properties throughout the entire service life
- ✔ Minimal transmission and engine wear
- ✔ Excellent oxidation resistance and valve train wear protection
- ✔ Excellent heat management and dispersion for stable power delivery
- ✔ Suitable for use in engines fitted with oil-immersed 'wet' clutches.

## Typical characteristics

		ASTM
Kinematic Viscosity @104°F/40°C	95.4 cSt	D-7042
Kinematic Viscosity @212°F/100°C	14.1 cSt	D-7042
Viscosity Index	152	D-2270
SP. Gravity @15°C/60°F	0.865 g/cm <sup>3</sup>	D-4052
Flash Point (min/max)	230°C / -36°C	D-92 / D-97
Total Base Number	6 mg KOH/g	D-2896
Cold Cranking Simulator	<6800 (-25°C) m.Pa.S	D-5293



**CLUTCH**



**BOOST**



**COOL**



**CLEAN**



**PROTECT**



MPN 9876306-4  
SKU UK-5000K004



# Market Coverage UK Passenger Vehicles

Explore our selection of high-quality engine oils, designed to meet the needs of more than 62% of vehicles in the UK Car Parc.

**GRAVITY**  
DRIVE

TOTAL  
COVERAGE

**62%**

Product	Weight	ACEA Grade	Supported Manufacturers	Parc %
 <b>NEO</b>	5W-30	A5/B5-16	Ford, Toyota, Nissan + more	<b>20.39%</b>
 <b>FLUX</b>	5W-30	C2/C3	BMW, Vauxhall, Mini, Mercedes + more	<b>20.27%</b>
 <b>ECHO</b>	5W-40	A3/B4	Peugeot, Renault, Mercedes, Volkswagen + more	<b>10.73%</b>
 <b>PULSE</b>	5W-30	C3/VW C30	Audi, Seat, Skoda, Volkswagen, Porsche, Lamborghini + more	<b>10.52%</b>
 <b>RACE</b>	10W-60	A3/B4		

Meets or exceeds





# Choosing the correct oil for your vehicle

The landscape of engine oils is becoming ever more complex within the automotive sector, marked by the emergence of numerous unique manufacturer specifications. This trend is moving away from generic products to oils specific to manufacturers.



Meets or exceeds

Product	API	BMW	MB	VW	Porsche	GM	Renault	JLR	Ford
<b>NEO</b>	SN/CF		229.6					STJLR 03.5003	WSS-M2C913 A-D

Full SAPS

**FLUX**

SN/CF	LL-04	229.52 226.5	505 00 505 00			Dexos 2	RN 0700 0710		
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Mid SAPS

**ECHO**

	LL-01	226.5 229.3 229.5	502 00 505 00	A40			RN 0700 0710		
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Full SAPS

**PULSE**

SN	LL-04	229.31 229.51	504 00 507 00 TL 52195	C30					
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Mid SAPS

**RACE**

SN/CF

Full SAPS

**MOTO**

**GRAVITY**  
RIDE

JASO MA2

+ backwards compatibility





# **FluXion<sup>®</sup>**

**ESTER TECHNOLOGY**

## **Unleash PEAK PERFORMANCE**

FluXion<sup>®</sup> Ester Technology represents a revolutionary breakthrough in performance engine oil formulation.

Our proprietary blend of ester additives is meticulously engineered to redefine conventional standards in the performance automotive industry, delivering enhancements to engine power and durability.

With a focus on innovation and quality, our company is proud to introduce a product that not only meets/exceeds the demands of OEM certification and ACEA testing but also excels in modern engines.



**Reduced Friction**



**Enhanced Heat Resistance**



**Exceptional Wear Protection**



# Precision blended to win

FluXion® Ester Technology is not just another engine oil; it's a testament to XHYPE's commitment to push the boundaries of automotive innovation. With a legacy of excellence and a passion for performance, we present a game-changing solution that redefines what you can expect from engine lubrication.



## Typical results

In a side-by-side comparison with conventional engine oils, our FluXion® formulas outperformed in key areas such as heat resistance, friction reduction, and wear protection. During our lab testing scenarios, we observed:

**66%**

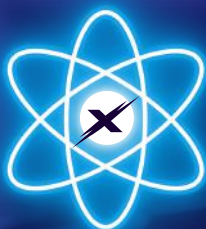
Less friction

**51%**

Reduction in abrasion

**63%**

Less wear scar



At the core of FluXion® lies a carefully blended fusion of Esters, designed to offer a multi-dimensional approach to engine performance and care, delivering benefits that extend far beyond what traditional engine oils can achieve.







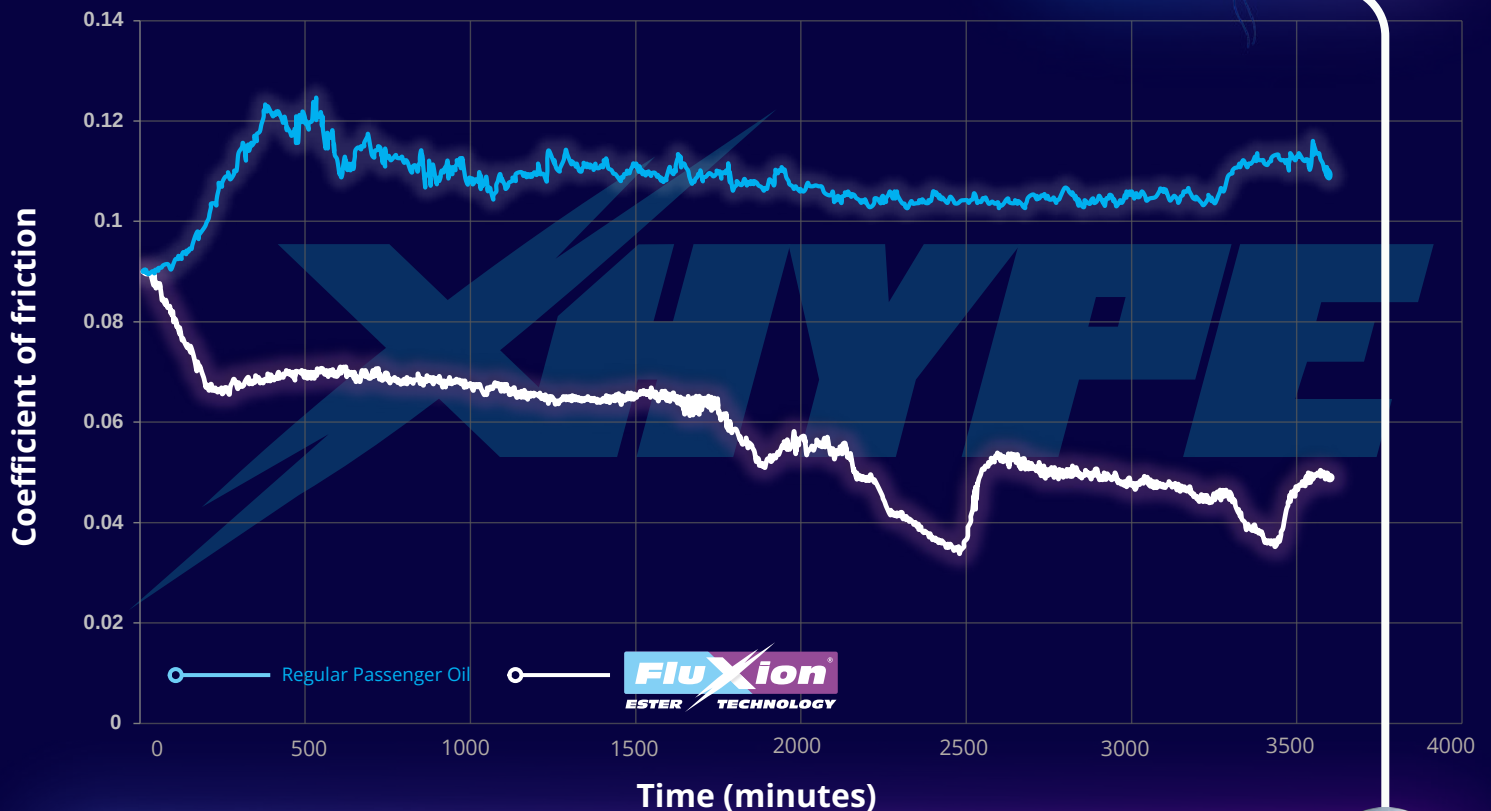
Unveiling the science behind FluXion<sup>®</sup> Ester Technology, our blend boasts a molecular architecture engineered for precision. This structure ensures exceptional thermal stability, enabling the oil to maintain optimal viscosity even under the harshest operating conditions.

### 1. Coefficient of Friction Test

Measurement of friction between two surfaces

The Coefficient of Friction (COF) indicates how well the oil can reduce friction between moving parts within the engine, such as between the piston and cylinder walls, bearings, and other components. A lower coefficient of friction means less resistance between surfaces, leading to less wear and potentially better performance.

Our tests showed  
**66%**  
Less friction



#### Test result summary

During testing, a typical 5W-40 oil produced a higher Coefficient of Friction, whereas 5W-40 oil with advanced FluXion<sup>®</sup> Ester Technology demonstrated a much lower Coefficient of Friction indicating better lubrication properties.



## 2. Wear Scar Test (COF)

Area of material removed by metal-to-metal contact

The Coefficient of Friction (COF) wear scar test focuses on evaluating the lubricating properties of oils, specifically emphasising their ability to reduce friction and wear between surfaces. This test provides a standardised way to measure how well the oil can protect engine components under simulated operating conditions.

Our tests showed

**63%**  
**Less wear scar**



**FluXion**  
ESTER TECHNOLOGY



Without Fluxion



### COF test conditions

- Equipment: Ducom 4-Ball Tester FBT-3
- ATSM Method: ASTM D 5185
- Load: 392N
- Duration: 60 min
- Temperature: 120° c
- Speed: 600 rpm



### Test result summary

During testing, a typical 5W-40 oil produced a 0.559mm scar, whereas 5W-40 oil with advanced Fluxion® Ester Technology demonstrated 0.342mm scar. This decreased Scar Ratio implies Fluxion® was more effective in minimising wear and abrasion, indicating better protection for engine components.



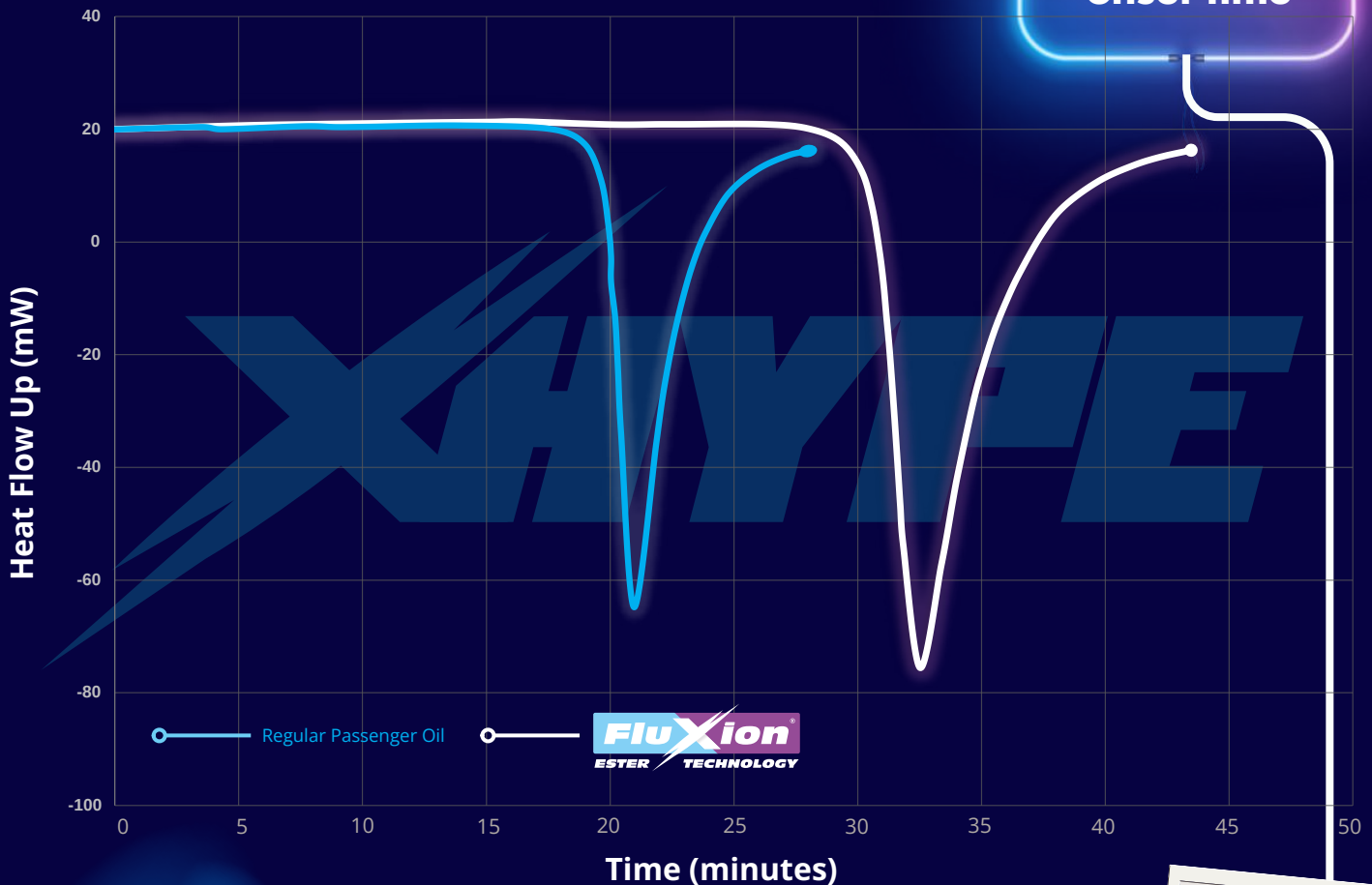


### 3. Pressure Differential Scanning Calorimetry (PDSC) Test

Resistance to oxidation under specific conditions

Oxidative stability is a crucial property for lubricating oils, as oxidation can lead to the formation of acids, sludge and varnish, which in turn can cause corrosion, increased viscosity and the deterioration of the oil's lubricating properties.

Our tests showed  
**36%**  
Higher oxidation  
onset time



#### PDSC test conditions

- Equipment: PerkinElmer Pyris 1 DSC Differential Scanning Calorimeter
- Sample weight: 3.100mg
- Heat: from 30°C to 200°C @100°C/Min
- Hold: 60min at 200°C



#### Test result summary

During testing, a typical 5W-40 oil endured for just 24 minutes, whereas 5W-40 oil with advanced Fluxion® Ester Technology demonstrated impressive resilience, lasting 37.5 minutes showing improved oxidative stability.



## 4. Ball-on-Cylinder Lubricity Evaluator (BOCLE) Test

Lubrication and anti-wear performance of oil

Lubricant abrasion testing is a critical evaluation process used to determine the ability of a lubricant to protect mechanical parts against wear and tear caused by abrasion. Abrasion refers to the wear and removal of material from surfaces in contact as they move relative to each other.

Our tests showed

**51%**  
Reduction in  
abrasion



### BOCLE test conditions

- Equipment : Lubricants Abrasion test machine HZKM-1
- 14mm x14mm Steel Cylinder
- Leverage ratio: 13.745r
- Power: 280w
- Speed: 600rpm
- Precision: 0.01mm



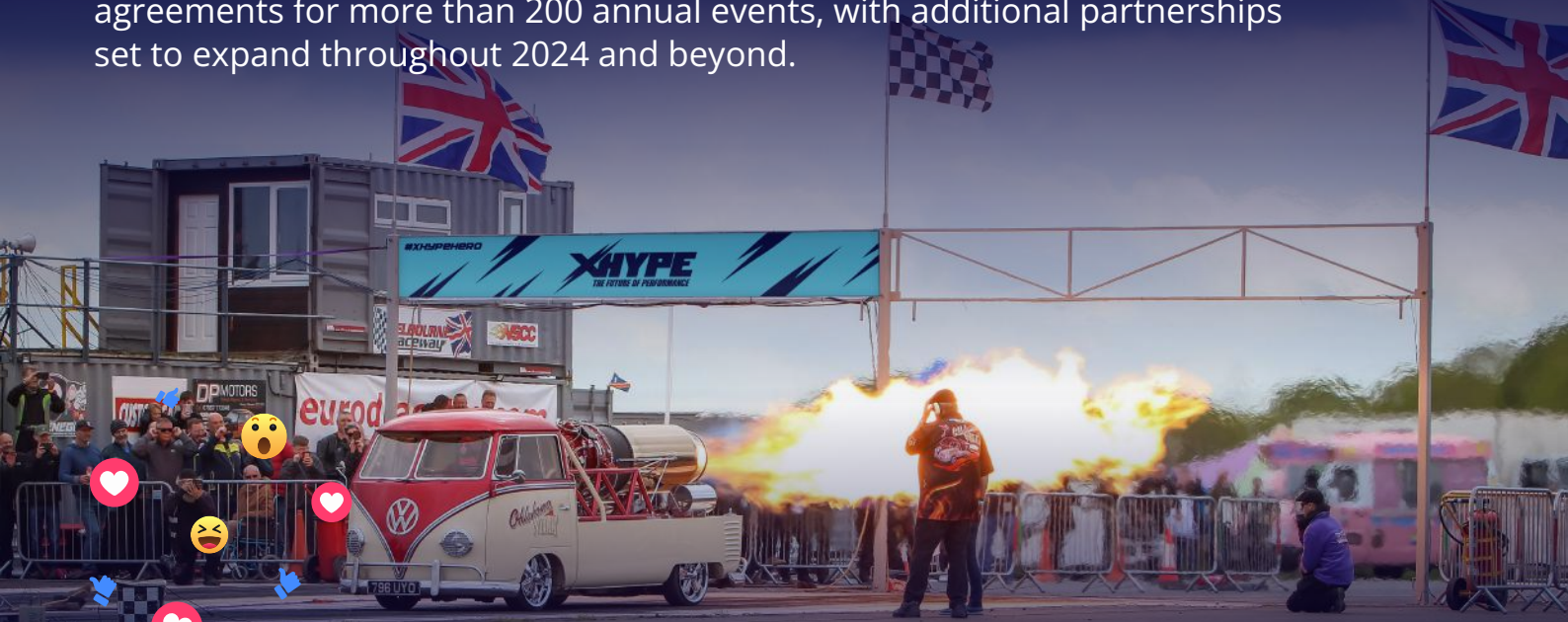
### Test result summary

During testing, a typical 5W-40 oil produced a **5.3mm** abrasion, whereas 5W-40 oil with advanced Fluxion® Ester Technology demonstrated only a **2.5mm** abrasion area.



# Partnerships & Events

Our motorsport and events division has established sponsorship agreements for more than 200 annual events, with additional partnerships set to expand throughout 2024 and beyond.



Success mapped for the future

100m 500k 250m

Social reach

Event footfall

Digital Impressions

Media Coverage

Event Sponsorship

Community Engagement

Press Releases

Social Impact

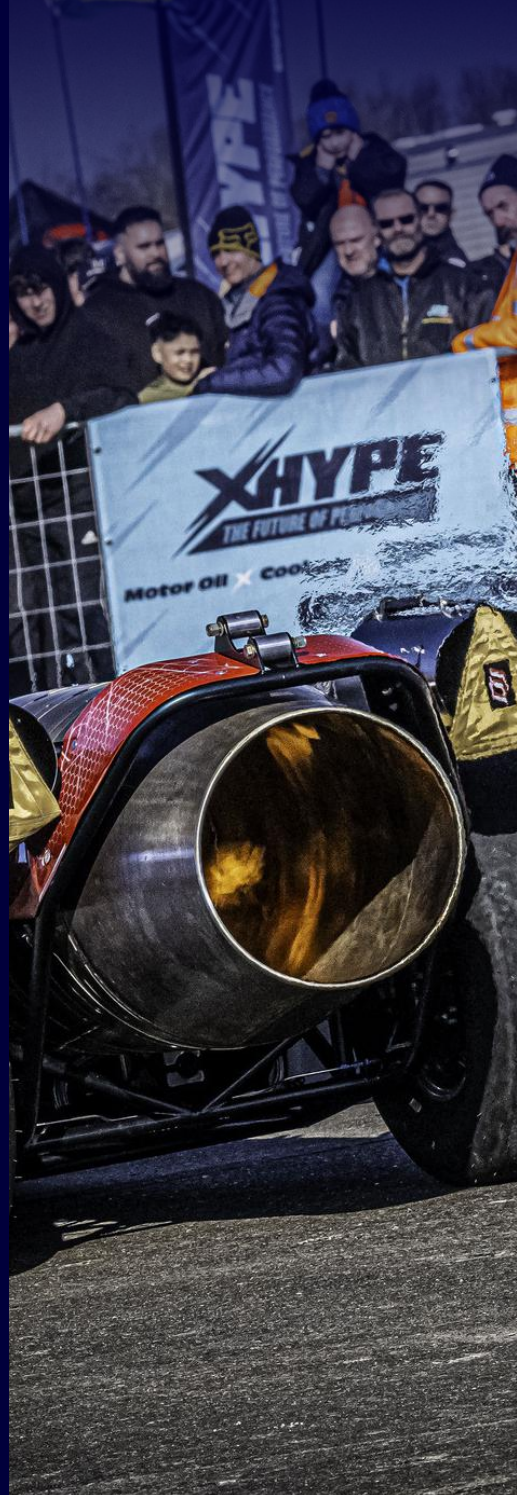
Collaborations

## Let's form an alliance

Our success lies in our commitment to building enduring and sustainable relationships. Embark on the XHYPER journey as we unlock the future of performance.











# XHYPE HERO

## Shaping the future



### Our heroes are engineered to win

An elite driving force handpicked by XHYPE, dedicated to dominating motorsport and beyond. With a focus on testing and developing our team's vehicles, we strive to push the limits of performance.



#### Becci Ellis

The fastest woman on a motorcycle. Becci is the female world record holder for a standing mile on a conventional motorbike, at **264.1mph**.



#### Jack Taylor (Spider-Man)

The Jr Landspeed world record holder and multi-time drag bike racing champion





# #XHYPEhero

Join us as we pioneer innovation and carve our legacy in the world of racing.



## Andrew Christophi

7s ¼ mile motorbike drag racer.  
Silver medalist in the ACU 8.50 Bike  
Summer Nationals achieving 185mph  
in the ¼ mile.



## Charlotte Birch

Lamborghini Super Trofeo GT Cup,  
Ligier and Britcar champion.  
Top of her game racing into the  
pinnacle of GT racing in the UK



View more online  
[xhype.co.uk/hero](http://xhype.co.uk/hero)



# XHYPE

THE FUTURE OF PERFORMANCE



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