

IGOL.

LUBRICANTS

PROPULS

**THE HIGH-PERFORMANCE LUBRICANTS RANGE
DEDICATED TO MOTORBIKES**



**NEW
RANGE**

**4-STROKE ENGINES • 2-STROKE ENGINES
TRANSMISSIONS • FORKS • SPECIAL PRODUCTS**



IGOL PROPULS

**EVOLVING TO MEET
MARKET EXPECTATIONS**

In the world of constantly changing lubricants, IGOL constantly develops its products, to be able to better meet drivers' requirements, and those stipulated by manufacturers.

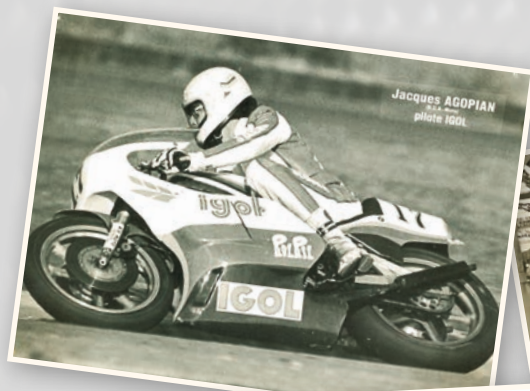
To mark its 70th anniversary, IGOL presents its NEW RANGE comprising two product lines : **IGOL PROPULS PERFORMANCE** and **IGOL PROPULS EVOLUTION**.

Combining aspects of mechanical performance and economic constraints, IGOL has worked alongside its customers for 70 years, supporting them in servicing motorbikes and scooters, and helping them improve rider satisfaction and peace of mind.

IGOL uses full-sized tracks to test its products. Hence for the 2019 season, the VILTAIS IGOL PIERRET & IGOL ACADEMY teams, as well as the French Fire Brigade's TEAM 18, have placed their trust in IGOL for all their competitions. IGOL products are performance tested under the toughest conditions of use in motocross or endurance events, especially on the iconic LE MANS 24H MOTO and the BOL D'OR.

**Whether motorbiking is a hobby or genuine passion, keep
FUELLING YOUR DREAMS AND EXCITEMENT WITH IGOL.**

**A PRODUCT
FOR EVERY MODEL !**





PERFORMANCE 4T

API SN - JASO MA2

100% synthetic ester technology lubricant

Grades 5W-40 / 10W-40 / 10W-50 / 10W-60 / 15W-50 / 20W-50

100% synthetic lubricant for 4-stroke engines and gearboxes for very high-performance competition motorbikes.

This formulation, originating from IGOL's competition R&D laboratory, provides the PROPULS PERFORMANCE product with optimal protection for oil bath clutches and engines under the toughest conditions of use.

Use of good-quality viscous esters and Poly-Alpha-Olefins (PAO) ensures good shear stability for the oil film and a high wetting power, thereby preventing temporary drops in viscosity.

The new-generation high-performance additives enhance the lubricant's thermal stability, reduce oxidation risks at high temperatures, and also reduce oil consumption due to volatility.



SCOOT PERFORMANCE 4T

API SN - JASO MB

100% synthetic ester technology lubricant

Grade 5W-40

A 100% synthetic lubricant for 4-stroke scooter and maxi-scooter engines.

This formulation for latest-generation scooters, originating from IGOL's competition R&D laboratory, complies with the JASO MB standard, and is particularly suitable for high-capacity engines and frequent stopping.

The use of high-quality viscous ester and Poly-Alpha-Olefins (PAO) ensures good shear stability for the oil film and a high wetting power, thereby preventing temporary drops in viscosity.

The API SN performance level is characterised by superior detergent and anti-oxidant properties to API SM, ensuring optimum engine wear protection, even at high revs.

The new-generation high-performance additives enhance the lubricant's thermal stability, reduce oxidation risks at high temperatures, and also reduce oil consumption due to volatility.

4-STROKE ENGINES



EVOLUTION 4T

API SM - JASO MA2

Semi-synthetic lubricant

Grades 10W-30 / 10W-40

A very high-performance semi-synthetic lubricant for 4-stroke engines, and motorbike and quad gearboxes.

The choice of enhanced anti-wear additives and synthetic media with high wetting power (viscous ester) sustains the oil film even when the motorbike is in periods of irregular use.

A formula developed specially for medium and high engine capacity roadsters. May also be suitable for other engine types running at high revs.

The API SM performance level is characterised by enhanced anti-oxidant properties, greater deposit reductions in the combustion chamber, as well as better wear protection and lower fuel consumption.

A lubricant particularly well-suited to urban driving and touring.

Grade 10W-30 is particularly recommended by the manufacturer HONDA; grade 10W-40 by the manufacturers YAMAHA, KAWASAKI and SUZUKI (suitable for medium and high engine capacity quads).



SCOOT EVOLUTION 4T

API SM - JASO MB

Semi-synthetic lubricant

Grades 10W-30 / 10W-40

A very high-performance semi-synthetic lubricant for 4-stroke scooter engines

The choice of enhanced anti-wear additives and synthetic media with high wetting power (viscous ester) sustains the oil film even when the motorbike is in periods of irregular use.

A formula developed specially for small and medium engine capacity scooters, and compliant with the JASO MB standard. May also be suitable for other engine types running at high revs.

The API SM performance level is characterised by enhanced anti-oxidant properties, greater deposit reductions in the combustion chamber, as well as better wear protection and lower fuel consumption.

A lubricant particularly well-suited to urban driving, with frequent stops.

Grade 10W-30 is particularly recommended by the manufacturer HONDA; grade 10W-40 by the manufacturers YAMAHA, KAWASAKI and SUZUKI.

2-STROKE ENGINES



PERFORMANCE 2T

API TC - JASO FD -
ISO-L-EGD

Synthetic lubricant

A very high-performance ester-based synthetic lubricant for high-efficiency 2-stroke motorbike and scooter engines.

This formulation, which complies with JASO FD and ISO-L-EGD standards, ensures low engine fouling, with reduced smoke emissions (very high detergency level and anti-smoke properties)

The high-quality esters used help prevent seizing risks, and do not form carbon deposits when they burn, thereby ensuring that the piston grooves, segment rings and exhaust orifices remain very clean.

The PROPULS PERFORMANCE 2T lubricant is compatible with new 2-stroke injection technologies, and suitable for high-speed, motocross and enduro motorbikes, as well as scooters. Suitable for engines with separate and mixed lubrication systems. Mix: use 2% to 4% (according to manufacturer recommendations).



SCENT
BUBBLE
GUM

EVOLUTION 2T

API TC -TSC3+ - JASO FC

Semi-synthetic lubricant

A semi-synthetic lubricant for 2-stroke motorbike and scooter engines.

This bubble gum-scented formulation helps keep the engine clean, by preventing sticking of the segment rings and deposits on the piston, spark plug and exhaust.

The additives in the PROPULS EVOLUTION 2T lubricant ensure that the engine maintains a high degree of detergency and protection against wear and corrosion.

Suitable for engines with separate and mixed lubrication systems. Mix: use 2% to 4% (according to manufacturer recommendations).



COMPETITION STS-R

API TC - TSC3 +

100% synthetic ester
technology lubricant

A 100% synthetic ester-based lubricant, for 2-stroke motorbike and kart engines.

A competition-focused, 100 % synthetic formulation comprising a mix of esters providing high thermal stability and very high wetting power. A solvent-free formula, with high viscosity, to optimise its usage rate. A choice of additives with high thermal stability, to reduce and eliminate deposits.

CIK-FIA approved. For use only as a 1% to 4% mix (according to settings).

FORKS

FOURCHE PERFORMANCE

Grades 2.5W / 5W



A high viscosity index synthetic lubricant for "LIGHT" 2.5W and "LIGHT/MEDIUM" 5W motorbike forks.

This fluid is characterised by a very high viscosity index, to provide good shock absorption from both hot and cold, ensuring constant performance levels over time. The additives system provides excellent anti-foaming and anti-oxidant properties, to cope with the toughest demands. Possible mix of "LIGHT" grade 2.5W and "LIGHT/MEDIUM" grade 5W.

Suitable for "inverted" and "inverted cartridge" forks.

FOURCHE

Grades 10W / 15W / 20W



A high viscosity index semi-synthetic lubricant in 10W, and mineral lubricant in 15W & 20W, for motorbike forks.

This fluid is characterised by a very high viscosity index, to provide good shock absorption from both hot and cold, ensuring constant performance levels over time. The additives system provides excellent anti-foaming and anti-oxidant properties, to cope with the toughest demands.

"MEDIUM" grade 10W is suitable for "conventional" and "inverted" forks.

"MEDIUM/HARD" 15W and "HARD" 20W are suitable for "conventional" forks.

TRANSMISSIONS



BV2 RACING

JASO MA2 - GL-4

Synthetic ester technology lubricant

Grade 10W-40

An extreme pressure synthetic lubricant specifically dedicated to gearboxes with a separate oil bath clutch, on 2-stroke engine motorbikes.

This fluid was developed to meet the requirements of the standards JASO MA2 and API GL-4 required for gearboxes with a built-in wet clutch, providing enhanced shear stability characteristics and viscosity behaviour at both low and high temperatures, to promote smooth gearshifts. Additives which confer excellent anti-wear and extreme pressure properties, enhanced by a friction modifier to reduce running friction and noise, clutch sticking and slipping.



GEAR

GL-4 - GL-5

Semi-synthetic lubricant

Grade 75W-90

A semi-synthetic lubricant for universal joint transmissions, and gearboxes with a separate housing.

The PROPULS GEAR lubricant has a special set of additives conferring very high extreme pressure properties compliant with standards API GL-4 and GL-5, enabling it to be used in any mechanical gearboxes, including those equipped with copper-based metals (non-corrosive action). Alongside these exceptional properties, its shear strength, very low viscosity at low temperatures and its very high viscosity index promote smooth gearshifts.

SPECIAL PRODUCTS



FILTER CROSS

A highly adhesive protection lubricant, for foam air filters on motocross and enduro motorbikes.

PROPULS FILTER CROSS is effective at retaining dust, and protects the engine from abrasive wear. Use PROPULS FILTER CROSS after cleaning the filter with the PROPULS FILTER CLEANER product.



FILTER CLEANER

A special cleaning product for foam air filters on motocross and enduro motorbikes.

PROPULS FILTER CLEANER degreases and cleans the air filter. The product is water-soluble. Use alongside the PROPULS FILTER CROSS protective lubricant.



LR

Coolant

A "new organic formula" coolant for motorbikes. Comprising a monoethyleneglycol base with organic additives, giving it exceptional properties, superior to conventional coolants.

Protects against freezing down to -35°C, as well as corrosion, deposit formation, foaming and acidification by blow-by gases. Compatible with metals, rubbers and plastics.

Miscible and compatible with all organic liquid coolants.



BRAKE FLUID 5.1

DOT 5.1

Synthetic fluid

An LHS DOT 5.1 synthetic brake fluid.

A fluid specially designed for brake circuits, it features very high stability, a particularly low freezing point, and is completely neutral to seals. This very high-tech product also features a very high boiling point. Suitable for anti-lock systems. Specifications: ISO 4925, SAE J 1704, FMVSS 116 DOT 5.1 ISO 4925 Non Silicone Based.

**CHECK OUT OUR OTHER PRODUCTS
ON OUR WEBSITE WWW.IGOL.COM**



RECAP OF OUR NEW RANGE

PROPULS

Product name	Technology	Grades	API/Jaso/ISO	Descriptions and Applications
PERFORMANCE RANGE				
4-STROKE ENGINES				
IGOL PROPULS PERFORMANCE 4T	100% synthetic ester technology lubricant	5W-40 10W-40 10W-50 10W-60 15W-50 20W-50	API SN JASO MA2	A 100% synthetic lubricant for 4-stroke engines and gearboxes on very high-efficiency competition motorbikes.
IGOL PROPULS SCOOT PERFORMANCE 4T	100% synthetic ester technology lubricant	5W-40	API SN JASO MB	A 100% synthetic lubricant for 4-stroke scooter and maxi-scooter engines.
2-STROKE ENGINES				
IGOL PROPULS PERFORMANCE 2T	Synthetic lubricant		API TC JASO FD ISO-L-EGD	A very high-performance ester-based synthetic lubricant for high-efficiency 2-stroke motorbike and scooter engines.
IGOL PROPULS COMPETITION STS R	100% synthetic ester technology lubricant		API TC -TSC3+	A 100% synthetic ester-based lubricant, for 2-stroke motorbike and kart engines.
EVOLUTION RANGE				
4-STROKE ENGINES				
IGOL PROPULS EVOLUTION 4T	Semi-synthetic lubricant	10W-30 10W-40	API SM JASO MA2	A very high-performance semi-synthetic lubricant for 4-stroke motorbike engines and gearboxes.
IGOL PROPULS SCOOT EVOLUTION 4T	Semi-synthetic lubricant	10W-30 10W-40	API SM JASO MB	A very high-performance semi-synthetic lubricant for 4-stroke scooter engines.
2-STROKE ENGINES				
IGOL PROPULS EVOLUTION 2T	Semi-synthetic lubricant		API TC -TSC3+ JASO FC	A semi-synthetic lubricant for 2-stroke motorbike and scooter engines.
TRANSMISSIONS				
IGOL PROPULS BV2 RACING	Synthetic ester technology lubricant	10W-40	JASO MA2 GL-4	An extreme pressure synthetic lubricant specifically dedicated to gearboxes with a separate oil bath clutch, on 2-stroke engine motorbikes.
IGOL PROPULS GEAR	Semi-synthetic lubricant	75W-90	GL-4 GL-5	A semi-synthetic lubricant for universal joint transmissions, and gearboxes with a separate housing.
FORKS				
IGOL PROPULS FOURCHE PERFORMANCE	Synthetic lubricant	2.5W 5W	A high-viscosity index synthetic lubricant for motorbike forks, "LIGHT" grade 2.5W and "LIGHT/MEDIUM" grade 5W.	
IGOL PROPULS FOURCHE	Semi-synthetic lubricant	10W	A high-viscosity semi-synthetic lubricant for motorbike forks, "MEDIUM" grade 10W.	
IGOL PROPULS FOURCHE	Mineral lubricant	15W 20W	A high-viscosity index mineral lubricant for motorbike forks, "MEDIUM/HARD" grade 15W and "HARD" grade 20W.	
SPECIAL PRODUCTS				
IGOL PROPULS BRAKE FLUID 5.1	A synthetic fluid	DOT 5.1	An LHS DOT 5.1 synthetic brake fluid.	
IGOL PROPULS FILTER CROSS	A highly adhesive protection lubricant, for foam air filters on motocross and enduro motorbikes.			
IGOL PROPULS FILTER CLEANER	A cleaning product specially for foam air filters on motocross and enduro motorbikes.			
COOLANT				
IGOL PROPULS LR	Organic coolant	A "new organic formula" coolant for motorbikes.		

**THEY HAVE PLACED
THEIR TRUST IN US**



Team 18

Team 18 sapeurs-pompiers, **created in 2000** by Yannick Bureau and Olivier Guionnet, **officially represents the French fire brigade.**

It is the **6th oldest endurance motorbike team in the world**, and also the oldest amateur one.

Team 18 is a not-for-profit association formed of professional, volunteer and military firemen from across France, who devote their free time to the joys of motorbiking. The object of the association is of course to **take part in the world's highest-profile endurance motorbike races, but also to promote the values of cohesion, courage and endurance exhibited by firefighters.**

Another important mission consists in raising the

TEAM 18 SAPEURS-POMPIERS

awareness of motorcyclists to the **dangers of the road**, encouraging speed enthusiasts to ride on tracks rather than on the road. Hence since 2001, the association has organised ten "road safety track" days, with a simple message: **"YES to high-speed motorbiking, BUT only in suitable locations, and ESPECIALLY not on the road!"**

Igol is proud to partner this worthy team which, in addition to its social commitments, has produced great performances on the tracks: Hence Team 18 earned second place in the 2007 Endurance World Cup, 3rd place at the Bol d'Or and was runner up in the Endurance World Championship in 2009.

In 2013, Kawasaki France also decided to support this team, which now ride ZX-10R bikes.

VILTAÏS IGOL PIERRET

Created by the **Viltaïs association back in the 2000s**, the Viltaïs Racing Division is a collective **action campaign aimed at getting young people started in their careers** through the shared passion of motorbiking. Since its creation, **180 young people from a variety of social and cultural backgrounds have contributed to the excellence of the Viltaïs Racing Division.**

A young persons' employment scheme taking part in the world's most prestigious motorbike competitions, such as the **Bol d'Or in 2002**, might seem unusual, but this is precisely what defines the very DNA of the Viltaïs Racing Division: **competition and high-placed results thanks to the collective commitment of young amateurs.**

After getting started in amateur endurance motorbiking competitions, the Viltaïs Racing Division team **quickly accumulated sporting successes**: Auvergne Endurance Champion in 2003, four-times French Endurance Champion in 50cc, and two-times French Endurance Champion in the 600cc Superstock category. Supported by **Christian SARRON**, 250cc World Endurance Champion, the apprentice riders gradually acquired a very high level, in 2010 managing to win 9th place in the semi-nocturnal event at the 1000cc World Endurance Championship, in the amateur Superstock category.



Viltaïs Igol Pierret

Following on from this magnificent performance, 2010 saw the launch of the Competition and Insertion unit, enabling a dozen young workers to ease their way towards a stable and rewarding job.

So Igol is proud to partner this committed and innovative socio-sporting set-up. As of 2019, it has even established itself in the team name: VILTAÏS IGOL PIERRET!

Viltaïs Igol Pierret represents a fine **venture, with a perfect combination of social commitment and sporting excellence.**



Check out the world of Igol with this data matrix from your smartphone

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