



PETRONAS

reimagining
energy™

**Catalogue
lubricants and fluids**

**PETRONAS
SYNTIUM *moto***



PETRONAS LUBRICANTS INTERNATIONAL, is a company wholly owned by **PETRONAS**, Malaysia's national oil and gas company which is ranked among the largest corporation's by Fortune Global 500 in 2012.

PLI, with its wide product portfolio's offer is an enhanced organisation that is structured and focused on offering the best technology-driven lubricants and functional fluids to the automotive and industrial world.

With more than a century worth of knowledge, experience and expertise being the foundation to its **FLUID TECHNOLOGY SOLUTIONS™** philosophy, the

company aim to be placed amongst the global leaders of lubricants and functional fluids in the world.

With operations in more than 20 countries worldwide and supported by 10 blending assets worldwide directly owned and operated,

PETRONAS LUBRICANTS INTERNATIONAL, currently formulates, manufactures and sells a wide range of lubricants worldwide for various applications under many brands, included **PETRONAS TUTELA**.

Premium product brands are even specifically engineered using race-proven Formula One technology developed through **PETRONAS'** longstanding involvement in motor sports.

PETRONAS SYNTIUM^{moto}

The Syntium Moto lubricant range is the result of Petronas Lubricants high-technology research and development programme. Syntium Moto has evolved directly from PETRONAS technological experience gained from major motorcycle competitions.

Syntium Moto is able to ensure the best performance and maximum protection of all mechanical parts, even at the highest speeds. Engine, transmission and clutch can give their maximum contribution to your ride, entrusting Syntium Moto lubricants with the task of maintaining complete performance and reliability.

Syntium Moto represents the highest available quality in the market certified by the achievement of the best International Specifications (JASO - Japanese Automotive Standards Organization & API - American Petroleum Institute).

Syntium Moto besides providing confidence of quality to your customers, it represents an efficient support to you and your business during the maintenance operations of two-wheeled vehicles.

PETRONAS SYNTIUM^{moto}



4 SP 10W-50

Available in **1 lt | 60 lt | 200 lt**

SAE 10W-50 • API SN • JASO MA-MA2

Fully-synthetic 4-stroke engine lubricant suitable for supersports motorcycles (on/off road). The latest generation technology makes it suitable for use in severe/harsh conditions. The viscosity index and anti-wear formulation provide maximum protection for all mechanical components in all conditions of use.

Cod. 1818



4 SP 10W-40

Available in **1 lt | 4 lt | 60 lt | 200 lt**

SAE 10W-40 • API SN • JASO MA-MA2

Fully-synthetic 4-stroke engine lubricant for maximum performance suitable for all last generation motorcycle, scooter and ATV's. The viscosity index and "hi-tech" formulation allows the maximum available engine power in all conditions of use, even the most severe.

Cod. 1825



4 SP 5W-40

Available in **1 lt | 60 lt | 200 lt**

SAE 5W-40 • API SL • JASO MA-MA2

Fully-synthetic 4-stroke engine lubricant. The increased fluidity at low temperatures allows the total protection of mechanical components of all vehicles used during cold weather and in the severe city traffic conditions (continuous stop & go). The viscosity index is particularly suitable to ensure maximum power for modern scooters.

Cod. 1826



Petronas Lubricants Technological Excellence

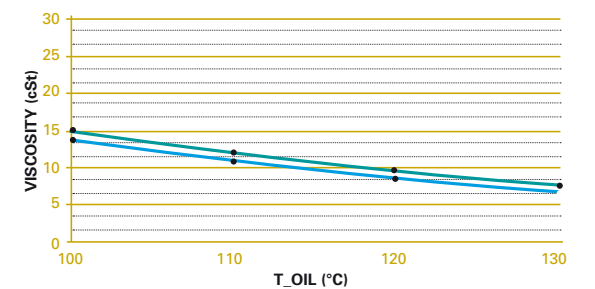
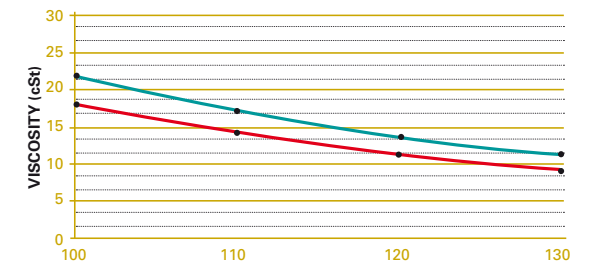
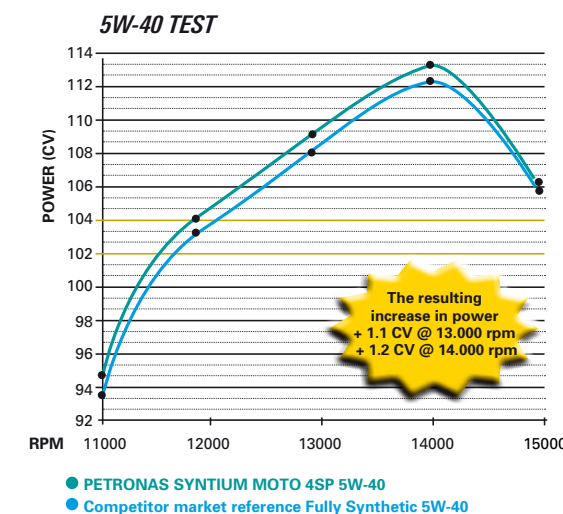
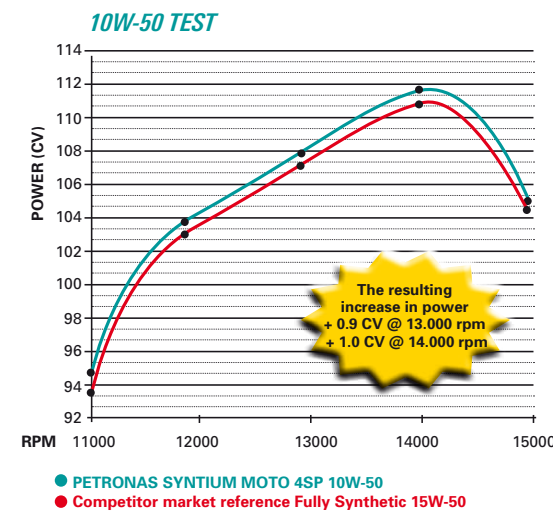
To the untrained eye the power variations observed appear to be minimal, but in terms of technical and scientific basis are, in fact, IMPORTANT increases in power. It is also worth noting that the competitor products, with which the comparison was carried out, are the best (in terms of specification and technology) that are available on the market today.

Results from tests performed on the dyno using a 4 cylinder engine, in-line with the last generation (HONDA CBR 600RR), were tested for performance using the best (fully synthetic) lubricants currently present on the market.

All the parameters that can affect the performance of the engine:

- Air / fuel ratio ($\lambda = 0.9$)
- Engine inlet air temperature (20 ° C),
- Engine oil temperature,
- Coolant temperature (90 ° C).

were kept constant in order to assess ONLY THE REAL CONTRIBUTION, in terms of performance (measured power output at the transmission), of the individual tested lubricant.



**OPTIMAL COMBINATION
PETRONAS LUBRICANTS:
MORE BENEFITS (increase power)
associated with increased
protection of mechanical
parts involved (higher viscosity)**

4 SX 10W-40

Available in 1 lt | 4 lt | 60 lt | 200 lt

SAE 10W-40 • API SL • JASO MA

High technology synthetic based 4-stroke engine lubricant with a specific formula expressly created to maximize the performance and to protect the entire engine and transmission system. The high additive technology gives top notch level of quality, allowing a wide application on vehicle fleets of all major manufacturers.

Cod. 1820



MULTI-PURPOSE



OFF-ROAD/ATV



4 FE 10W-30

Available in 1 lt | 60 lt

SAE 10W-30 • API SJ • JASO MA

High-tech synthetic based 4-stroke engine lubricant specific for all Honda applications and suitable for motorcycles, scooters and ATV's of any displacement. The hi-tech formulation allows maximum engine power.

Cod. 1830

HP

POWER BOOSTER



OFF-ROAD/ATV



MULTI-PURPOSE



4 SX 15W-50

Available in 1 lt | 60 lt | 200 lt

SAE 15W-50 • API SL • JASO MA

Synthetic-based 4-stroke engine lubricant with a specific formula created for engine and transmission maximum protection. The ultra selected base oil and the modern additive package gives a high quality standard to the product. The viscosity grade makes this multi-purpose product suitable for all bikes (even classic) and scooters of any manufacturer and displacement.

Cod. 1827



MULTI-PURPOSE



MAX PROTECTION



2 SP

Available in **1 lt**

API TC • JASO FD • ISO-L-EGD

High-tech fully-synthetic 2-stroke engine lubricant dedicated to very high performance motorcycles and scooters (including direct injection). It greatly reduces the formation of carbon deposits while maintaining the highest performance.

Cod. 1819



2 SX

Available in **1lt | 60 lt**

API TC • JASO FC • ISO-L-EGC • TISI

Synthetic-based 2-stroke engine lubricant for motorcycles and scooters. The formulation allows a wide use on vehicle fleets of all major manufacturers.

Cod. 1821



2 S

Available in **1 lt**

API TC • JASO FB • ISO-L-EGB

2-stroke engine lubricant for motorcycles and scooters The formulation allows a wide use on vehicle fleets of all major manufacturers.

Cod. 1824



Complementary products

The Petronas total commitment to motorbikes is not limited to engine oils but also provides a set of ancillary products for the maintenance and care of 2 wheel vehicles to motorcycle professionals and to the most demanding customer. PETRONAS offers a full range of products for use in the workshop and for resale to the end customer. A reliable support for your business. The Petronas ancillary product range, created with the same quality standards of engine oils, are second to none and ensure maximum performance. All over Europe, many racing teams and professional mechanics already use the PETRONAS products with complete satisfaction.

COMPLEMENTARY PRODUCTS



Maintenance

Available in **1 lt**

PARAFLLU MOTO

Organic based (OAT-Organic Acid Tech) Protective fluid for radiator specially designed for aluminum and magnesium alloys typical of the cooling systems used in the motorcycle industry.

Cod. 1034

MATRIX MOTO

Multigrade manual transmission fluid for the motorcycle industry (SAE 75W 85 - API GL4).

Cod. 1495

AIR FILTER OIL FLUID

Adhesive lubricant specific for sponge air filters treatment of any type of motorcycles.

Cod. 2599

Chains

Available in spray **200 ml | 400 ml**

TP2

PTFE (Teflon) Based grease for O-ring seals and other chains. High adhesive power to counteract the wheel centrifugal force.

Cod. 2411

OIL CHAIN

Chain lubricant for O-ring seals and other, suitable for use under severe conditions such as racing, off road, etc.

Cod. 2550

CHAIN SPRAY CLEANER

Spray cleaner for O-ring seals and other chains, to effectively disperse any type of deposit and accumulated encrustation.

Cod. 2654

Brake fluids

Available in **250 ml | 500 ml**

TOP 4

DOT 4 brake fluid recommended by the major vehicle manufacturers for maximum safety on and off road.

Cod. 1598

DOT 5,1 MOTO

Fully Synthetic high performance motorcycle brake fluid (DOT 5.1). Low viscosity for maximum reactivity of brake control.

Cod. 1594

EXTREME HT

High performance synthetic brake fluid with high boiling point. Specific for competition use.

Cod. 1599



Forks and shocks

Available in **1 lt**

FORK 2,5W • 5W • 7,5W • 10W • 20W

Fully synthetic lubricant specific for competition forks and shock absorbers. Mixable with other fork line products for competition and high performance use.

Cod. 1038 • 1039 • 1040 • 1041 • 1060

Care

METAL CLEAN SPEC. MOTO

Chrome parts cleaner/polisher. Removes rust and oxidation from the metal parts of the bike.

Available in 60 gr tubes.

Cod. 2458

MOTO SPEED CLEANER

Motorcycle body protective cleanser/polisher without use of water. Perfect for both chrome and plastic parts.

Available in 500 ml trigger.

Cod. 2655

BRAKE CLEAN

Non-corrosive brake disc degreaser and cleaner. Protective action against atmospheric agents.

Available in 400 ml spray.

Cod. 2413

HELMET WIPES

Disposable wipes, a practical kit to clean the helmet visor. The first wipe cleans and removes impurities, the second one dries without leaving marks.

Cod. 2656

POWER HYGENIZER FOR HELMET

Helmet fabric hygienizer. It works quickly, leaving a fresh scent.

Available in 75 ml trigger.

Cod. 2657



And ... to assist you in your daily work in the workshop and for all your professional needs, do not forget to ask our sales staff for the **TUTELA PROFESSIONAL** line products.

PETRONAS
TUTELA
PROFESSIONAL



PETRONAS
SYNTIUM *moto*

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