



Product Brochure Motorcycle Lubricants

MOVING YOUR WORLD



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OUR HISTORY

The birth in 1908 of the innovative company that was later to become known as "Silkolene" was the vision of the entrepreneurial Dalton family of Belper, Derbyshire. Whilst William Dalton's business started with agriculture in mind, his real inspiration led him into the supply of lubricants for the growing automobile market.

The early 20th Century brought with it excitement the length and breadth of Britain and across the world, as early cars and motorcycles became the centre of attention; Dalton's business quite literally moved into lubricants as the internal combustion engine took over from horses for the transportation of goods and people.

The need for lubricants was the basis of an expanding business, and by 1932, the company had located to prestigious premises centred on a large and majestic mid-19th Century stone mill building, and it was from here that it was to broaden its sights.

As race circuits such as Donington Park were developed, the Silkolene name quickly became synonymous with early racing and competition success, and it was to be the lubricant of choice for champions.

The early business moved into top gear during WW2 and on into the 1950's, when it was deeply involved in supply of military and aviation oils. Silkolene developed too into many other areas. They were the first to develop and produce pharmaceutical and cosmetic quality petroleum jellies ("Vaselines") in Britain; as well as a full range of automotive oils, they developed a full range of industrial lubricants for a myriad of applications; as North Sea oil was developed after the 1960's they blended a range of drilling fluids to aid production – and many other lines of development.

For motorcycle lubricants, astute technical liaison with the growing chemical industry, with leading

equipment manufacturers and with major users ensured that Silkolene's research team were to anticipate and lead the field in two vitally important areas.

They introduced new additive systems, and more importantly, they were quick to understand the potential for new synthetic base oils. It was Silkolene's innovation with synthetics over the next few decades that gave their customers a performance edge – after all, they were an oil company that bore no allegiances to mineral oil. If Silkolene's early appreciation of different types of synthetic base oils was to keep the company ahead of the competition, the next decades were to cement their position as the choice of lubricants for champions, a position they maintain within the global FUCHS Lubricants group.



A GLOBAL BRAND

FUCHS Silkolene is a truly global brand sold in over 50 countries with over 30 years R&D expertise. This complete, comprehensive and evolving range has been the lubricant of choice of many championship winning teams. Our products are used, approved and demanded by leading professional race teams including MotoGP, World Superbikes, British Superbikes and many more including Motocross and Karting teams.

Developed using the latest lubricant technologies, our products offer users measurable performance improvements. Use FUCHS Silkolene and you get a genuine "Oil Tune". From Tourers to Superbikes, Weekend Rider to full on Racer - FUCHS Silkolene is the leading brand of motorcycle lubricants, cleaning and maintenance products.



Silkolene[®]
SUPERIOR MOTORCYCLE OIL

OIL SELECTION MADE EASY

*When looking to purchase
Motorcycle oil our customers
are looking for four main
deciding factors:*

**Do I have the
correct Viscosity
and Grade?**

10W-40 in this instance

**Am I looking for
a Road or an Off
Road Oil**

Suitable for both Road &
Off-Road in this instance

**Is this a 2T or a 4T
Engine Oil?**

4 stroke in this instance

**Do I need a FULLY or
a SEMI Synthetic
Engine Oil?**

See colour chart



Ester B

Ester B

What is an Ester Based Oil?

Ester is a synthetic base oil that has been produced by an intentional chemical reaction (chemical synthesis).

What is the benefit?

An Ester Based Oil is used in applications that require high performance when operating under severe and extreme conditions. Synthetic Esters offer the advantage of higher viscosity indexes and high stability characteristics across a broad range of temperatures. They have particularly high thermal stability and oxidation resistance – especially useful in small engine applications operating under high heat loads and extreme tuning-for-performance tolerances

The FUCHS Silkolene product range has been defined through four colours. A simple execution for our customers to stand by.

PRO Ester based Fully Synthetic

Ester based fully synthetic engine oils suitable for 4 stroke, 2 stroke and suspension applications.

COMP Ester based Semi Synthetic

Ester based semi synthetic engine oils suitable for 4 stroke, 2 stroke applications.

SUPER Semi Synthetic

Semi synthetic engine oils suitable for 4 stroke, 2 stroke applications.

MAINTAIN Maintenance

Covering all aspects of maintenance including filter treatment, cleaning, gear oils, suspension, brake and clutch fluids, greases, additives and pastes.

4-Stroke Engine Oils

PRO Ester Based Fully Synthetic

Pro 4 5W-40 XP

Using 100% Synthetic Ester to provide increased power, optimum engine protection, ultimate performance and reliability. Proven formula developed in partnership with manufacturers and race teams.

SPECIFICATIONS

- API SN Performance
- JASO MA2 APPROVED



Pro 4 10W-40 XP

Formulated to meet the needs of both air and water-cooled 4-stroke engines, Pro 4 10W-40 XP is the recommended SAE grade for the majority of motorcycle manufacturers.

SPECIFICATIONS

- API SN Performance
- JASO MA2 APPROVED



Pro 4 10W-50 XP

Using 100% Synthetic Ester to provide increased power, optimum engine protection, ultimate performance and reliability. Proven formula developed in partnership with manufacturers and race teams.

SPECIFICATIONS

- API SN Performance
- JASO MA2 APPROVED



Pro 4 10W-60 XP

Formulated to meet the needs of both air and water-cooled 4-stroke engines, Pro 4 10W-60 XP is recommended for larger capacity engines, hot conditions and in engines where excessive fuel dilution is encountered.

SPECIFICATIONS

- API SN Performance
- JASO MA2 APPROVED



XP TECHNOLOGY

XP Technology uses the latest innovative technology to achieve:

PROVEN 11% FUEL SAVINGS

PROVEN 18% LOWER OIL CONSUMPTION

PROVEN 3% IMPROVED POWER (BHP/TORQUE)

PROVEN REDUCED ENGINE WEAR

Pro 4 15W-50 XP

Formulated to meet the needs of both air and water-cooled 4-stroke engines, Pro 4 15W-50 XP is ideal for larger capacity engines, especially in hot conditions.

SPECIFICATIONS

- API SN Performance
- JASO MA2 APPROVED



XP
TECHNOLOGY

ROAD
OFF-ROAD

Pro 4 Plus 5W-40

Using 100% Synthetic Ester to provide increased power, optimum engine protection, ultimate performance and reliability. Proven formula developed in partnership with manufacturers and race teams.

SPECIFICATIONS

- API SG, SH, SJ & SL
- JASO MA & MA 2 APPROVED



ROAD
OFF-ROAD

Pro 4 Plus 10W-50

Using 100% Synthetic Ester to provide increased power, optimum engine protection, ultimate performance and reliability. Proven formula developed in partnership with manufacturers and race teams.

SPECIFICATIONS

- API SG, SH, SJ & SL
- JASO MA & MA 2 APPROVED



ROAD
OFF-ROAD

Quad & UTV 5W-40

increased power and optimum engine protection over a wide range of ambient temperatures. stay-in-grade capability ensures consistent performance for the full oil service life.

SPECIFICATIONS

- API SN & ACEA A3/B3
- JASO MA 2 APPROVED



OFF-ROAD

4-Stroke Engine Oils

COMP Ester Based Semi Synthetic

Comp 4 10W-30 XP

Formulated to meet the needs of both air and water cooled 4-stroke engines, the recommended SAE grade for many motorcycle manufacturers.

SPECIFICATIONS

- API SN
- JASO MA2 APPROVED



Comp 4 10W-40 XP

Formulated to meet the needs of both air and water cooled 4-stroke engines, the recommended SAE grade for many motorcycle manufacturers.

SPECIFICATIONS

- API SN
- JASO MA2 APPROVED



Comp 4 15W-50 XP

Formulated to meet the needs of both air and water-cooled 4-stroke engines, Comp 4 15W50 XP is ideal for larger capacity engines, especially in hot conditions.

SPECIFICATIONS

- API SN
- JASO MA2 APPROVED



XP TECHNOLOGY

XP Technology uses the latest innovative technology to



Comp 4 20W-50 XP

Formulated to meet the needs of both air and water-cooled 4-stroke engines, Ideal for larger capacity engines, especially in hot conditions or where oil consumption using other grades is high.

SPECIFICATIONS

- API SN
- JASO MA2 APPROVED



V-Twin 20W-50

Mineral engine oil formulated for all Harley Davidson and Metric V-Twins. Provides high-level of engine cleanliness and protects engine components from wear and corrosion.

SPECIFICATIONS

- API CF/SG, SH & SJ
- JASO MA & MA 2



Quad & UTV 10W-40

anti-wear detergents, dispersants & anti-corrosion systems provide excellent engine cleanliness & minimum wear to ensure long-term reliability.

SPECIFICATIONS

- API SL
- JASO MA 2 APPROVED



PROVEN 11% FUEL SAVINGS

PROVEN 18% LOWER OIL CONSUMPTION

PROVEN 3% IMPROVED POWER (BHP/TORQUE)

PROVEN REDUCED ENGINE WEAR

4-Stroke Engine Oils

SUPER Semi Synthetic

Super 4 10W-40

MC-Syn Technology protects the engine and transmission with advanced additive chemistry from start to full power. Detergents, dispersants and load carrying agents are incorporated to give excellent engine cleanliness and minimum wear of moving parts.

A balanced blend of inhibitors and anti-wear agents ensure correct operation of oil immersed clutches and other drive line components.

SPECIFICATIONS

- API SL
- JASO MA2



Super 4 20W-50

MC-Syn Technology protects the engine and transmission with advanced additive chemistry from start to full power. Detergents, dispersants and load carrying agents are incorporated to give excellent engine cleanliness and minimum wear of moving parts. A balanced blend of inhibitors and anti-wear agents ensure correct operation of oil immersed clutches and other drive line components.

SPECIFICATIONS

- API SL
- JASO MA2



WINNING CHAMP

FUCHS Silkolene sponsor a wide range of teams and riders, Superbikes, Off-road racers, Speedway riders to MotoX and everything in-between globally! Our lubricants are tried and tested, on and off the track, making us the oil of choice for top racing teams.

Racing Engine Oils

PRO
Fully Synthetic

Pro R 0W-20

Unique low viscosity fully synthetic oil which cuts oil drag yet maintains a tough low-wear film on highly stressed components.

SPECIFICATIONS

- FOR RACE & TRACK APPLICATIONS ONLY



Castorene R40S

For racing applications - suitable for 2T & 4T engines. Designed for dry sump speedway engines. Fully soluble in methanol based fuels. Recommended for use in both air & liquid cooled racing engines, especially speedway, running on methanol or methanol-based fuels.

MUST NOT BE MIXED WITH MINERAL OILS.

SPECIFICATIONS

- FOR RACE & TRACK APPLICATIONS ONLY



CHAMPIONSHIPS



2-Stroke Engine Oils

PRO Ester Based Fully Synthetic

Pro 2

Ultimate engine protection, increased power, performance and reliability. Track experience at Grand Prix and international level has shown that PRO 2 is one of the very few competition oils which can provide the latest racing engines with the outstanding load-carrying and cleanliness requirements necessary for full power output even at high fuel to oil ratios.

Only for use with PreMix systems.

Recommended mix up to 50:1 (2%)

DO NOT MIX WITH CONVENTIONAL OILS.

SPECIFICATIONS

- CIK FIA Approved (homologated) lubricant



Comp 2 Plus

Ultra low smoke, clean burning lubricant providing maximum performance, extra power and reliability. Compatible with all fuels. Suitable for Pre-Mix and Injector systems.

SPECIFICATIONS

- JASO FC/FD
- API TC
- ISO L-EGD



Pro KR2

SAE 30. For high output kart engines giving exceptional performance and reliability.

DO NOT MIX WITH OTHER LUBRICANTS.

Compatible with all fuels. Consult engine manufacturer for mix recommendations.

SPECIFICATIONS

- CIK FIA Approved (homologated) lubricant



COMP

Ester Based Semi Synthetic

Comp 2

An advanced low-smoke, low-ash formula reducing engine wear. Prevents piston seizure, ring sticking, plug fouling and exhaust port blockage. The latest technical advances produce an environmentally friendly low-smoke lubricant. Suitable for both pre-mix and injector systems. Mix thoroughly. Refer to handbook for mix recommendations.

Compatible with all fuels.

SPECIFICATIONS

- JASO FC/FD
- API TC
- ISO L-EGD



ROAD
OFF-ROAD

SUPER

Semi Synthetic

Scoot 4 10W-40

provides exceptional anti-corrosion & anti-wear performance, even under extreme temperature conditions.

ideal for use in all modern high performance, free-revving 4-stroke scooters.

SPECIFICATIONS

- API SL
- JASO MA2 APPROVED



ROAD
OFF-ROAD

Scoot 2

MC-Syn Technology provides excellent antiwear properties. A clean burning, low smoke formula compatible with all fuels.

SPECIFICATIONS

- ISO L-EGC
- JASO FC



SCOOTER

Maintain

Filter treatment, cleaning, gear oils, suspension, brake and clutch fluids, greases, additives and pastes.

FILTER Maintenance

Foam Filter Kit

A highly effective, water rinsable cleaner/ degreaser formulated specifically for cleaning foam filters prior to re-oiling with FUCHS SILKOLENE FOAM FILTER OIL.



Foam Filter Cleaner

A highly effective, water rinsable cleaner/ degreaser formulated specifically for cleaning foam filters prior to re-oiling with FUCHS SILKOLENE FOAM FILTER OIL.



Foam Filter Oil

Advanced, low viscosity coating treatment designed to improve the efficiency of foam air filters. Contains polymeric additives to provide a hyper-tacky surface that resists the ingress of the most pervasive sand, dust and water, without affecting engine breathing.



GEAR OIL

Maintenance

PRO Ester Based Fully Synthetic

Pro SRG 75

RACING GEAR OIL SAE 75W.
Crankcase rating SAE 10W-30.



COMP Ester Based Semi Synthetic

Comp Gear

RACING GEAR OIL SAE 80W-90.
Crankcase rating SAE 10W-40.



COMP Ester Based Semi Synthetic

V-Twin 80W-90

Extreme pressure gear oil for Harley
Davidson and Metric V-Twins.

SPECIFICATIONS
API GL-5



Gear Oil Light

Competition and road gear oil 75W-80.
Crankcase rating SAE 10W-40.

SPECIFICATIONS
GL3 / GL4 Motorcycle applications only.
SAE 75/SAE 80



Gear Oil Medium

Competition and road gear oil 85W-90.
Crankcase rating SAE 20W-50.

SPECIFICATIONS
GL3 / GL4 Motorcycle applications only.
SAE 85/SAE 90



Maintain

Filter treatment, cleaning, gear oils, suspension, brake and clutch fluids, greases, additives and pastes.

SUSPENSION FLUID Maintenance

RSF Range

Our premium high performance RSF range, available in: 2.5, 5, 7.5, 10 & 15.

A race/road/track proven suspension fluid already in use and chosen by many of today's market leading suspension manufacturer's.



| RSF 2.5 | RSF 5 | RSF 7.5 | RSF 10 | RSF 15 |
|---------|--------|---------|--------|---------|
| ISO 15 | ISO 22 | ISO 32 | ISO 46 | ISO 100 |

SF 20

SF 30

High VI index formulation, combats friction, protects seals and resists corrosion. Ensures smooth suspension under all road and competition conditions.

Grades can be mixed.



02 FULLY SYNTHETIC SUSPENSION FLUID - ISO 15/22

Exceptional performance and zero drag in racing forks. Low friction synthetic additives ensure smooth, predictable action on all terrains. Reduces stick-slip, minimises pressurisation at high temperature in all conditions.



COOLANTS

Maintenance

Mag Cool

Ready-to-use high performance motorcycle coolant and anti-freeze for all-round use. Suitable for use in engines containing magnesium alloys and aluminium as well as all other commonly used materials.



Pro Cool

Advanced all-season reduced toxicity engine coolant.



FUEL ADDITIVES

Maintenance

Pro FST

Multi-functional fuel system treatment for petrol engines. Suitable for use in leaded and unleaded fuel and in both 2- and 4-stroke engines.



Pro Boost

Octane improver. Adding PRO BOOST to petrol will also have a 'keep-clean effect' in both carburettor and injection systems and will help to reduce icing in carburettors.

Fully compatible with all petrols and does not attack fuel hoses or filters.



Maintain

Filter treatment, cleaning, gear oils, suspension, brake and clutch fluids, greases, additives and pastes.

BRAKE & CLUTCH FLUID Maintenance

Brake fluids are often forgotten but are possibly the most essential fluid in a vehicle from the safety aspect. They need checking and changing regularly to avoid brake fade and loss of efficiency. The performance of a brake fluid is generally denoted by reference to a DOT specification. Vehicle manufacturers specify the minimum performance requirements of suitable fluids by reference to this DOT specification.

Universal Brake & Clutch Fluid

Suitable for UK, US, European and Japanese motorcycles.

SPECIFICATIONS

- SAE 70R 1 and 3
- SAE J70C
- SAE J1703 A to F

Mixes safely with all fluids meeting the standards FMVSS116 DOT 5.1, DOT 4 and DOT 3, ISO 4925, SAE J 1703.

- Typical dry boiling point 230°C (446°F)
- Typical wet boiling point 155°C (311°F)



Pro Race Brake Fluid

500ML

High quality Racing Brake Fluid suitable for race or road use.

SPECIFICATIONS

DOT 4

- Typical dry boiling point 315°C (594°F)
- Typical wet boiling point 204°C (399°F)
- Minimum wet boiling point 195°C (383°F)



AEROSOLS

Maintenance

MAINTENANCE AND PREPARATION

Silkopen

500ML

Graphited penetrating spray to ease the dismantling of seized threaded fasteners.

Can also be used to lubricate and clean cables.



Injector & Carb Cleaner

500ML

Solvents interact to remove internal and external gum from carburetors and injection systems.



Pro Prep

500ML

A high quality water-repellent and hard surface conditioner that helps to restore the colour and finish of plastics and painted surfaces, and protect from dirt.



Brake & Chain Cleaner

500ML

A powerful cleaner for brake and chain components, perfect for removing unwanted deposits.



CHAIN LUBES

Titanium Dry Lube

500ML

Non-fling PTFE and Titanium chain lubricant with exceptional anti wear and corrosion resistant properties.

Suitable for all chains including O, X and Z ring types.

Particularly recommended for off-road use.



Chain Lube

500ML

Semi-synthetic chain lubricant for road and off-road use.

Suitable for all chains including O, X and Z ring types.



Pro Chain

500ML

Fully synthetic racing chain lubricant for road and off-road use. For high performance road, racing and off-road motorcycles.

Suitable for all chains including O, X and Z ring types.



FUCHS Lubricants

Innovative lubricants need experienced application engineers

Every lubricant change should be preceded by expert consultation on the application in question. Only then the best lubricant system can be selected. Experienced FUCHS employees will be glad to advise on products for the application in question and also on our full range of lubricants.

Contact:



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