

Silkolene® FULL SYNTHETIC RACING OIL

Race Technical Data

0W-20 Advanced Racing Development Project Racing Engine Oil

Special formulation, racing only 4-stroke engine oil using ElectroSyntec Technology.

Silkolene 0W-20 Advanced Development Project engine oil is an entirely new concept in competition lubrication. Racing engines lose power due to oil drag and friction. This maximum power 0W-20 is a unique low viscosity synthetic which cuts oil drag yet maintains a tough low-wear film on highly stressed components. Specially researched friction modifier chemistry depends upon Electrostatic Adhesion to attack friction at crucial points in valve and power train systems—two sources of hidden power giving that vital edge in acceleration and full throttle output.

TEST RESULTS: Dynamometer tests on 0W-20 Advanced Development Project racing engine oil have produced amazing results. The test machine was an 1100cc 4-cylinder race engine.

15W-50 racing engine oil	Max power 127.9 BHP @ 9750 RPM Max torque 75.8 ft-lbs @ 7300 RPM
5W-40 racing engine oil	Max power 131.6 BHP @ 9750 RPM Max torque 77.7 ft-lbs @ 7400 RPM
0W-20 Advanced Development Project	Max power 134.4 BHP @ 9750 RPM Max torque 78.9 ft-lbs @ 7400 RPM

This equates to a maximum horsepower gain of +5% and a maximum torque gain of +4%!

ELECTROSYNTEC TECHNOLOGY — RELEASES HIDDEN HORSEPOWER!

Typical Technical Data	0W-20
Kinematic viscosity @ 212°F..cSt	8.44
Kinematic viscosity @ 104°F..cSt	43.21
Viscosity index	176
SAE rating	0W-20
Cold crank viscosity @ -31°F	<6200 cp
Pourpoint... °F	<-40
Color	Pale Amber
Specific gravity @ at 59°F	0.858
Flash point (closed), °F	356

CAUTION: STRICTLY FOR PROFESSIONAL RACING AND TRACK USE ONLY. SOME OLDER ENGINES MAY HAVE INADEQUATE OIL PUMP CAPACITY UNDER RACE CONDITIONS TO MAINTAIN FULL OIL PRESSURE WITH THIS LOW VISCOSITY PRODUCT.

Silkolene 0W-20 Engine Oil

Available in individual 5 liter containers (5 liters = 1.32 US gallons or 5.28 quarts) or in cases of four 5 liter containers.



PART NO.	CONTAINER
15 250020	5 liters (5.28 quarts)

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Silkolene®

Race Technical Data

Pro S 5W-40 & Pro S 10W-50

Fully Synthetic High Performance Engine Oils

Totally new ester based full synthetic motor oils created to meet the needs of the most discerning user. The products are suitable for use in all modern cars and are particularly recommended for racing and high performance street engines. The full synthetic base fluid ensures that the products are thermally stable and extremely resistant to oxidation, even when stressed to the extremes of endurance.

The inclusion of ester synthetic polar compounds leads to improvements in lubricity and ensures excellent anti-wear performance in all areas, particularly in respect to high lift camshafts and other heavily loaded valve train components. Excellent low temperature flow characteristics protect valve gear even in the most severe winter conditions, and also improve cold start performance. The full synthetic formulations lead to a very low volatility and this in turn ensures minimum piston deposits and the lowest possible oil consumption and maximum exhaust catalyst efficiency.

The excellent overall performance profile ensures optimum protection even in the most demanding turbocharged power units in modern performance cars. Fully approved to the

latest internationally recognized specification API SJ. The discerning motorist may be confident that the products excel in all areas of performance and ensure maximum protection under all operating conditions.

Pro S is available in SAE 5W-40 and 10W-50 viscosity grades. Pro S 10W-50 is particularly recommended for use in warmer ambient temperatures. API SJ, SL, CF, ACEA A3, B3, BMW & MERCEDES.

Typical Technical Data	Pro S 5W-40	Pro S 10W-50
Kinematic viscosity @ 212°F cSt	14.89	18.17
Kinematic viscosity @ 104°F cSt	92.35	116.49
Viscosity index IP226	169	174
Specific gravity @ at 68°F IP160	0.858	0.866
Pour point °F IP15	-60	-27
Flash point, closed cup °F	383	410
Cold crank viscosity at -22°F cp	6500	6800 (-13°F)

Pro S 5W-40 Engine Oil

Available in individual 5 liter containers (5 liters = 1.32 US gallons or 5.28 quarts) or in cases of four 5 liter containers.



PART NO.	CONTAINER
15 2500005	5 liters (5.28 quarts)

Pro S 10W-50 Engine Oil

Available in individual 5 liter containers (5 liters = 1.32 US gallons or 5.28 quarts) or in cases of four 5 liter containers.



PART NO.	CONTAINER
15 2500010	5 liters (5.28 quarts)

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Pro R 15W-50

Ester synthetic 4-stroke oil for high performance engines.

Pro R 15W-50 is a race proven engine oil with a high synthetic content. Utilizing advanced wear reducing chemistry, Pro R 15W-50 provides outstanding protection for highly stressed racing engines. It is recommended for use in all high output engines where SH or SJ lubricants are specified.

Utilizing ester synthetic base materials and technology derived from aircraft turbojet engine lubrication, Pro R 15W-50 exhibits load carrying and film strength properties considerably in excess of those achieved with conventional mineral or synthesized hydrocarbon lubrications (PAOs).

All high performance power units running on lead-free, low-lead, or racing gasolines benefit from the extra protection of Pro R 15W-50.

- High detergency ensures exceptional engine cleanliness.
- Test bed and extensive racing experience show significant increases in power output.
- High film strength reduces wear and friction, ensuring reliability and long component life.
- Unique formula releases entrapped air quickly, minimizing risk of oil starvation.
- Advanced surface chemistry provides vital protection to pistons and bores, cam lobes and bearings.
- Excellent shear stability for 'stay-in-grade' performance.

Typical Technical Data	Pro R 15W-50
Kinematic viscosity @ 212°F... cSt	18.2
Kinematic viscosity @ 104°F... cSt	130
Viscosity index	156
Cold crank viscosity @ -31°F	6800
SAE rating	15W-50
Pourpoint... °F	-31
Color	Red
Specific gravity @ at 77°F	0.908
Flash point (closed)... °F	392
API classification	SH & SJ
CCMC	G4

Pro R 15W-50 Engine Oil

Available in individual 5 liter containers (5 liters = 1.32 US gallons or 5.28 quarts) or in cases of four 5 liter containers.



PART NO.	CONTAINER
15 250015	5 liters (5.28 quarts)

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Castorene R40S & Castorene R50S Racing Oils

Castorene R40 and Castorene R50 are castor oil based blends incorporating synthetic lubricants and additives that enhance the castor oil's naturally high film strength and resistance to seizure. This enhancement represents a significant advance in lubrication over oils containing vegetable oil and minimizes the risk of thickening or lacquer formation.

- Inhibitors derived from aircraft gas turbine engine technology give stability and oxidation resistance. Both laboratory and racing tests have proved the product.
- Oil thickening and lacquer formation is reduced even in hot running engines such that the oil can be used for longer periods than those normally associated with castor-based products.
- Fully soluble in alcohol fuels and ideally suited for use in both air and liquid cooled racing engines running on methanol or methanol based fuels.
- Ideal for sprint cars or any methanol fueled race engine.

Typical Technical Data	R40S	R50S
SAE	40	50
ZN Wear Test Film Strength, psi	16,357	16,357
Load, lbs.	467	467
Seizure load, lbs.	>1140	>1140
Kinematic viscosity @ 212°F cSt	14.4	14.4
Kinematic viscosity @ 104°F cSt	148.4	148.4
Viscosity index	94	94
Pour point °F	-11	-11
Closed flash point, °F	392	392
Specific Gravity @ 15°F	0.879	0.879

Note: These are not detergent grade oils—more frequent oil changes are required than with additive treated mineral oils. Castorene R40S and Castorene R50S must not be mixed with mineral oils.

Castorene R40S Engine Oil

Available in individual 5 liter containers (5 liters = 1.32 US gallons or 5.28 quarts) or in cases of four 5 liter containers.



PART NO.	CONTAINER
15 2500040	5 liters (5.28 quarts)

Castorene R50S Engine Oil

Available in individual 5 liter containers (5 liters = 1.32 US gallons or 5.28 quarts) or in cases of four 5 liter containers.



PART NO.	CONTAINER
15 2500050	5 liters (5.28 quarts)

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Silktran SYN 5

Silktran Syn 5 75W-90 fully synthetic gear oil is a new generation multifunction product designed primarily for use in manual transmissions and final drive units, including road and competition limited-slip differentials. Race proven in sequential gearboxes and active transmissions, Silktran SYN 5 gear oil utilizes the latest and most thermally stable components available and may be used in equipment subjected to the most arduous duties. Components used incorporate the latest chemistry designed to meet the most recently defined and most stringent gear oil performance criteria. Full synthetic base stock gives vastly improved thermal stability compared to mineral oil based products. Improved lubricity gives better load carrying, lower wear rates and reduced power loss compared with conventional gear oils.

- Very wide operating temperature range down to -40°F.
- May be used with confidence where conventional SAE90, 85W-90 or 80W-90 lubricants are commonly recommended.
- Ensures proper lubrication of highly stressed components even at extremes of temperature.
- Contains no components which can shear down in use and therefore can be described as a true stay-in-grade product.
- Lower viscosity than conventional gear oils gives potential for fuel economy.
- Suitable for use in most synchromesh gearboxes and final drives—embraces traditional synchromesh gear oil performance (API GL4) and hypoid axle performance (API GL5) in one product.

Typical Technical Data	Silktran SYN 5
Kinematic viscosity @ 212°F...cSt	16.3
Kinematic viscosity @ 104°F...cSt	119
Viscosity index	147
Specific gravity @ 59°F	0.870
Flash point (closed)...°F	410

Silktran SYN 5 Gear Oil

Available in individual 1 liter containers (1.056 quarts) or in cases of ten 1 liter containers.



PART NO.	CONTAINER
15 250105	1 liter (1.056 quarts)

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Pro SRG 75

100% ester synthetic racing gear oil

A synthetic gear oil of SAE 75W viscosity developed exclusively for racing transmissions. This grade has a naturally high viscosity index (ensuring good low temperature performance) and excellent shear strength, as well as possessing an inherently excellent load carrying capability.

The synthetic materials used for this formulation have an oxidation stability of 3 to 4 times that of conventional mineral oils, prolonging the effective life of the lubricant under extreme working conditions. Coupled with this, the lower friction value leads to reduced pitting and wear of the gear teeth. Pro SRG 75 provides very superior protection and performance under the most demanding race conditions.

Its unique combination of low viscosity and high load carrying ability ensures good lubrication and prevents overheating in gearbox components such as selector forks and bearings which are often starved of lubrication with conventional oils.

Pro SRG 75 has been designed for high speed gearboxes handling high power inputs. It withstands very high temperatures and protects against the high shock loads to which racing gearboxes are often subjected.

NB: Not suitable for hypoid applications.

Typical Technical Data	Pro SRG 75
Kinematic viscosity @ 212°F...cSt	10.65
Kinematic viscosity @ 104°F...cSt	68.72
Viscosity index	143
Specific gravity @ 59°F	0.916
Pourpoint °F	-51
Cold crank viscosity at 68°F...cp	<3500
SAE rating - gearbox	75W
SAE rating - engine	10W-30
Flash point (closed)...°F	401

Pro SRG 75 Gear Oil

Available in individual 1 liter containers (1 liter = 1.056 quarts) or in cases of ten 1 liter containers.



PART NO.	CONTAINER
15 250175	1 liter (1.056 quarts)

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Silkolene®

Race Technical Data

BOA 90 LS

BOA 90 LS is a high performance mineral based gear oil for hypoid and spiral bevel axles which has an excellent extreme pressure, anti-corrosion, anti-oxidant and anti-foam properties. This unique formula contains friction modifiers designed to make BOA 90 LS ideal for limited slip differentials operating under severe conditions including competition use.

Very high levels of the latest load carrying and anti-wear agents give API GL5 and GL6 performance.

Typical Technical Data	BOA 90 LS
Kinematic viscosity @ 212°F...cSt	19.8
Kinematic viscosity @ 104°F...cSt	230
Viscosity index	99
Specific gravity @ 59°F	0.898
Flash point (closed)...°F	401

BOA 90 LS Gear Oil

Available in individual
1 liter containers
(1.056 quarts)
or in cases of ten
1 liter containers.



PART NO.	CONTAINER
15 250290	1 liter (1.056 quarts)

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Race Technical Data

BOA 80W-90

Long life protection for gearboxes and final drives.

A top quality mineral based high performance hypoid gear oil which provides outstanding transmission protection over a wide range of operating temperatures.

For transmissions where an EP or hypoid type oil is specified.

Covers SAE specifications 80W, SAE 90, SAE 80W-90 and SAE 85W-90, API GL-4 or API GL-5, MIL-L-2105B.

Typical Technical Data	BOA 80W-90
Kinematic viscosity @ 212°F...cSt	15.03
Kinematic viscosity @ 104°F...cSt	152.3
Viscosity index	98
Specific gravity @ 68°F	0.896
Pourpoint... °F	-22
Brookfield viscosity at -15°F...cp (SAE 80W Test)	<150,000
SAE rating - gearbox	80W-90
SAE rating - engine	40
Flash point closed cup...°F	392

BOA 80W-90 Gear Oil

Available in individual
0.50 liter containers
or in cases of ten
0.50 liter containers.



PART NO.	CONTAINER
15 250280	0.50 liter

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Pro CCA

Pro CCA is a long lasting emulsifiable inhibitor system for use in vehicle coolant systems. It provides protection against rust and corrosion, lubricates water pumps, cleans up dirty systems and keeps them clean. In doing so it can improve heat dissipation maintaining cooling efficiency. It can be used in some racing applications where antifreeze is banned. Use at 1% by volume.

- Extreme surface adhesion increases the cooling capacity of water. Makes water much wetter.
- No cavitation as with other products. Allows smaller cooling system volume.
- Silkolene's advanced additive system contains a blend of special corrosion inhibitors.
- Formulated to control corrosion of all commonly encountered metals such as cast iron, steel, aluminum, copper, brass and solder. An independent assessment of the inhibition provided by CCA has been carried out against ASTM D 1384, Standard Method of Corrosion Test for Engine Coolants. Detailed summary available on request.
- Keeps heat transfer surfaces clean, helping to maintain design thermal characteristics.
- Compatible with nonmetallic materials such as oil resistant rubbers and plastics used for hoses or seals.
- Helps prevent cavitation particularly of water pumps, cylinder heads and liners.
- Pro CCA's special lubricating properties provide added benefits for water pump protection.
- Pro CCA is an all organic formulation—contains no nitrites, borates, phosphates, chromates, nitrates, or silicates.
- May be used as an inhibitor system in both soft or hard clean water.
- Compatible with Ethylene Glycol and Propylene Glycol based antifreezes.
- Pro CCA's controlled surface activity has a special cleaning action. Cleans dirty systems providing tubes and passages are not completely blocked.

Chosen by the McLaren, Williams and Jordan F-1 teams over all other products tested.

Typical Technical Data	Pro CCA
Appearance	A bright and clear peacock green fluid
Emulsion	Forms a clear royal blue stable emulsion in water
Specific Gravity @ 68°F	0.960

Pro CCA Coolant Additive

Available in individual 0.5 liter containers or in cases of ten 0.5 liter containers.



PART NO.	CONTAINER
15 250300	0.5 liter

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Pro Boost

Octane Improver

A highly efficient octane improver specifically designed to combat pre-ignition—often called ‘pinging’ or ‘knocking’. Pro Boost also successfully combats ‘over-run’ or ‘run-on’.

Pro Boost is a unique blend of synthetic low-toxicity organic chemicals which reduce upper cylinder wear and burn cleanly without leaving deposits in the combustion chamber.

Pro Boost does not contain lead or aniline which are hazardous to both the user and the environment. Furthermore, the addition of Pro Boost leads to more complete combustion of the fuel and thus to a reduction of the emission of noxious exhaust gases, particularly carbon monoxide.

Pro Boost improves throttle response and facilitates cold starting, at the same time reducing the heavy exhaust gas pollution when the engine is cold. This is of particular benefit where catalytic exhausts are fitted.

Adding Pro Boost to gasoline will also have a ‘keep clean’ effect in both carburetor and injection systems and will help to reduce icing in carburetors. Acceleration will be improved by using Pro Boost since pre-ignition during that phase can be severe. A further advantage of Pro Boost is that it will reduce fuel system corrosion. Pro Boost does not affect mixture settings making carburetor adjustment unnecessary. It is fully compatible with all gasolines and does not attack fuel hoses or filters.

Pro Boost has been successfully tested in a wide variety of car and motorcycle engines, including 2-stroke. It is suitable for all gasoline engines and all types of fuel.

Pro Boost is compatible with catalytic converters.

Recommended Dosages: Pro Boost is effective from 1% to 3% addition levels. Octane improvement depends on fuel characteristics; however, a dosage of 1.5% can be expected to give an increase in Motor Octane Number (MON) of 0.5 to 2 units with most fuels. Accidental overdosing will have not adverse effects.

The following chart can be used to determine recommended dosing:

Percent Pro Boost	oz. (ml) of Pro Boost per gallon of gasoline	
1.0	1.28	(38.0)
1.5	1.92	(57.0)
2.0	2.56	(76.0)
2.5	3.20	(94.5)
3.0	3.84	(136.5)

Pro Boost Octane Improver

Available in individual 1 liter containers (1.056 quarts)



PART NO.	CONTAINER
15 250310	1 liter (1.056 quarts)

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Pro RG2

Racing Grease

An advanced, high melting point, synthetic racing grease, Pro RG2 is a multifunctional, high performance grease with exceptional heat resisting and waterproofing properties. It is ideal for bearing and chassis lubrication. Pro RG2 is designed to meet the stringent requirements of competition use and stays in place, even under high temperatures created in competition use. This high cling formula is ideal for protecting wheel bearings, universal joints, suspension linkages and seals under the most testing conditions.

Pro RG2 has outstanding water repellency, excellent corrosion inhibition properties and high resistance to water wash-off.

The simple but effective dispensing follower plate makes application clean and easy while preventing product contamination.

- Superior waterproofing properties
- High impact load resistance
- Resists oozing from heavily loaded surfaces
- Low friction
- Low coefficient of expansion to protect seals
- Spreads on metal surfaces yet resists fling-off
- Smooth yet tacky texture
- Does not thin under stress
- Seals and protects bearings from contamination
- Red iridescent color for easy identification

Use for wheel bearing, rose joint, marine applications and all general racing grease applications.

Typical Technical Data	Pro RG2
Base	Lithium Complex
Worked Penetration	265-300
Drop Point	446°F min
Timken O.K. Load	45 lb
Texture	Smooth, tacky
NLGI Classification	No. 2

Pro RG2 Racing Grease

Available in individual
6.25 oz. aerosol cans
or in cases of 12 cans.



PART NO.	CONTAINER
15 250165	6.25 oz. aerosol can

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