



Silkolene®

Race Technical Data



PRO 2

Electrosyntec Technology - The Ultimate Full Synthetic Ester 2-Stroke Premix Racing Engine Oil

Description

Electrosyntec uses electrostatic forces to bond low friction molecules to stressed metal surfaces, releasing hidden power and ensuring long-term performance retention.

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. Utilises aerospace technology to give the ultimate in lubrication and engine protection, and maintains film strength at high temperatures and stresses during motorcycle and kart racing.

Application

Developed exclusively for two-stroke racing engines, PRO 2 is formulated using synthetic components which provide the exceptional anti-seize properties usually associated only with castor-based oils.

PRO 2 has been used successfully at 40:1 mixture although users should refer to engine manufacturers' instructions.

PRO 2 mixes easily with all types of standard pump fuel and high octane race gasolines, at any ambient temperature and with no separation, even if left to stand for weeks. PRO 2 must not be mixed with conventional two-stroke oils.

Advantages / Benefits

- Ultimate full synthetic ester 2-Stroke.
- Outstanding performance.
- Excellent load carrying capability and wear protection.
- Maintains engine cleanliness.

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The above information is supplied to the best of our knowledge and belief on the basis of the current state-of-the-art and our own development work. Subject to amendment.



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Description (Continued)

Some oils can only achieve race performance at the expense of long-term engine cleanliness, but Pro 2 is particularly resistant to ring-sticking and plug fouling problems, and helps to maintain full output for the track life of an engine.

Special additives combat the problem of the throttle sticking in wet conditions experienced with some types of racing carburettors.

PRO 2 combats varnish deposits on and below piston rings preventing ring sticking. Carbon deposits on the piston crown and in the exhaust ports are reduced, giving more efficient ignition...essential when using the latest electronic power valve systems.

PRO 2 forms a highly effective seal between cylinder, piston and ring, enabling the engine to produce optimum power throughout the rev range. It extends engine life, virtually eliminates small end pick-up and has been seen to double crank life in certain applications.

Typical Data: PRO 2

Characteristics	Unit		Test Method
Kinematic Viscosity			IP71
at 100°C	mm ² /s	13.5	
at 40°C	mm ² /s	98.6	
Viscosity Index (VI)		137	IP226
SAE Rating		40	
Pour point	°C	-39	IP15
Flash Point (Closed Cup)	°C	210	IP34
Specific Gravity @ 15°C		0.920	IP160

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