



## AEROSHELL OIL SPORT PLUS 4

- Improved formulation
- The first aviation oil tested and approved for BRP-Rotax® engines
- Specifically for light sport four-stroke engines



Shell Aviation

We understand your desire for dependable flight. You can rely on AeroShell products to help protect your engine, reduce its maintenance costs and improve efficiency. Whether you fly for pleasure or your business depends on flight, AeroShell products are designed to help lift your performance.

### NEW AND IMPROVED FORMULATION

AeroShell Oil Sport Plus 4 has been improved. The new formulation is built on more than 11 years of close co-operation, including three years of development and testing of the new formulation by Shell and BRP-Rotax's research scientists.

The new formulation is the **first aviation oil tested and approved by BRP-Rotax**. It offers improved anti-wear protection compared with the previous generation oil, and provides enhanced protection and lubricity for the smooth movement of clutch and gearbox components.

### A DEDICATED AVIATION-QUALITY OIL FOR LIGHT SPORT ENGINES

AeroShell Oil Sport Plus 4 is the world's first oil specifically developed for **light sport**, very light and ultralight four-stroke engine aircraft. It is multigrade for use in any climate and combines synthetic and high-quality mineral oil with advanced additive technologies for excellent performance, wear and corrosion protection, and cleanliness with leaded and unleaded fuels.

### SELECTING THE RIGHT OIL

Historically, light sport aircraft operators had to rely on motorcycle oils with formulations that could vary geographically and be changed without notifying the aviation community. Some of the changes that are good for motorbike engines may not be good for aviation engines, and motorbike oils may not keep engines clean with leaded aviation fuels.

With AeroShell Oil Sport Plus 4, aviators have a consistent worldwide formulation that cannot be changed without notice. It is designed to cope with the high shear stresses associated with integrated gearboxes and overload clutches, and has detergents that help to keep critical areas, such as pistons and cylinders, clean.

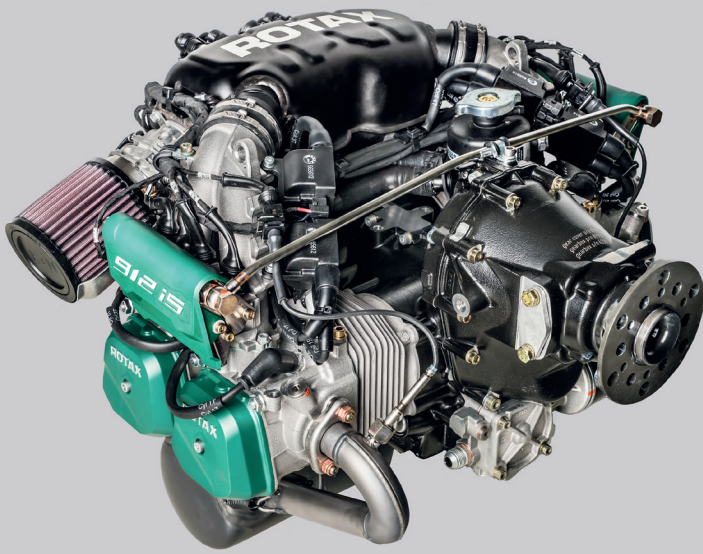


### BENEFITS AT A GLANCE

AeroShell Oil Sport Plus 4

- **offers all-year, all-climate protection** through its multigrade formulation
- **has a consistent, worldwide formulation** that cannot be changed without consultation with major engine manufacturers
- **is designed for engines with integrated gearboxes and overload clutches** (for example, BRP-Rotax 912 and 914 Series engines) through advanced additives and synthetic-technology base oils with excellent shear stability
- **works with unleaded aviation and road fuels, and avgas 100LL**. It helps to prevent the sludge and varnish associated with leaded fuels, thanks to its synthetic-technology base oils and strong detergents.<sup>1</sup>
- **helps to meet TBO (time-before-overhaul)** requirements through advanced additives that protect components from wear and corrosion
- **helps to maximise lubrication effectiveness** through anti-foaming additives, which are particularly important for engines with integrated gearboxes.

<sup>1</sup>Please refer to the operator's handbook or manual for the correct oil-drain interval when operating with different fuels.



The BRP-Rotax 912 ULS engine used in the testing of AeroShell Oil Sport Plus 4.

“OUR COLLABORATION WITH SHELL GOES BACK TO 2004. OUR DECISION TO WORK WITH THE AEROSHELL TEAM ON THE DEVELOPMENT OF THE NEW FORMULATION FOR AEROSHELL OIL SPORT PLUS 4 WAS BASED ON THE BENEFITS THE NEW FORMULATION WOULD PROVIDE TO OUR CUSTOMERS.

“WE ARE CONVINCED OF THE PERFORMANCE OF THE NEW AEROSHELL OIL SPORT PLUS 4 AND THAT IS WHY WE WILL RECOMMEND THIS PRODUCT EXCLUSIVELY IN OUR REVISED SERVICE INFORMATION, WHICH WILL BE RELEASED SOON. BRP-ROTAX WILL CONTINUE TO USE AEROSHELL AVIATION LUBRICANTS AND IS EXCITED ABOUT THE NEW PHASE OF THIS TECHNICAL COLLABORATION.”

Thomas Uhr, General Manager, BRP-Rotax

For more information, please contact

**AeroShell**



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## SPECIFICATIONS

AeroShell Oil Sport Plus 4 meets or exceeds the highest international specifications:

- fully approved – all BRP-Rotax 912 and 914 Series engines: BRP-Rotax service instruction SI-912-016/SI-912i-001-912iS/SI-914-019 “Selection of suitable operating fluids for BRP-Rotax® engine type 912 and 914 (Series)”
- Rotax Norm RON 424 specification
- JASO MA.

## A COMPREHENSIVE RANGE

Whatever you fly, we can provide a full range of AeroShell oils, greases and fluids for your aircraft.

## PLEASE NOTE

Do not use AeroShell Oil Sport Plus 4 in engines that are designed to use ashless dispersant or ashless non-dispersant aviation piston engine oil. This includes air-cooled Teledyne Continental Motors, Textron Lycoming and Jabiru engines.

Please consult your operator’s handbook or manual to confirm the correct lubricant specification before use.



## CONTACT US

If you want any further information, please contact your AeroShell representative or visit:

[www.aeroshell.com](http://www.aeroshell.com)