



# Lubricants Report



## Product Data Sheet from Shell Lubricants

PDS# 1.14.08

### SHELL ADVANCE SNOW ULTRA\* HIGH PERFORMANCE SYNTHETIC SNOWMOBILE OIL

#### PRODUCT LINE

**Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil is specially formulated to provide superior engine protection in all high performance snowmobile engines. This low ash, full synthetic formulation exceeds the highest requirements in the industry categories recognized by snowmobile manufacturers including API TC, ISO-EGD and the JASO FC standard.

**Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil is formulated with the environment in mind. It exceeds the JASO FC smoke standard to such a level that visible exhaust smoke is essentially eliminated after warm-up. This lower smoke performance, combined with even lower odour engine exhaust than our **Shell Advance Premium Snowmobile** Oil is not only great for the environment but assures you the very best we can offer towards a more pleasant snowmobile ride.

#### PERFORMANCE BENEFITS

- **Exceeds All Major Snowmobile Manufacturers Recommendations - Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil is specifically designed and is GUARANTEED by Shell to meet the requirements of all snowmobile manufacturers including:
  - Arctic Cat
  - Bombardier
  - Polaris
  - Yamaha
- **Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil has been specifically designed to provide excellent performance in high performance, high output engines using variable exhaust systems such as RAVE®.
- **Proven Performance** - The performance of **Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil in Rotax® engines has been compared to results of 14 other competitive products tested by an independent laboratory. **Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil exceeded all 14 oils tested in critical performance areas such as engine cleanliness and oil flowability.
- **Reduction in Exhaust Smoke - Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil is specially formulated to exceed the JASO FC smoke emission standard and has been designed to essentially eliminate visible exhaust smoke after start up.
- **Superior Low Temperature Performance** - Selected formulation components provide an exceptional pour point of -57°C which means **Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil will flow, and in the case of premix applications mix easily, at temperatures below -40°C.
- **Improved Lubricity and Scuffing Protection** - Unique additive chemistry means **Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil is capable of providing exceptional lubrication protection in all snowmobile applications.
- **Excellent Deposit Control** - Through the use of high temperature dispersants and detergents, piston deposits are minimized which is essential in prolonging engine life and reducing piston ring stick.
- **Minimizes Spark Plug Fouling & Pre-ignition** - Synthetic base oil, along with state of the art low ash additive technology, reduce deposits that can bridge spark plug electrodes. These deposits can shorten plug life and significantly affect power by causing the fuel/oil mixture to pre-ignite.
- **Protects Engines Against Rust** - A film of oil and special surface active additives protect engines from the moist air taken in as air for combustion, as well as the water that forms as a result of combustion.

## TYPICAL PROPERTIES

| PRODUCT CODE  | 427-512         |                |
|---|-----------------|----------------|
|   |                 | ASTM METHOD    |
| Density at 15° C-kg/m <sup>3</sup>                          | 879             | D 1298         |
| Colour  | Golden Amber    | -              |
| Pour Point ° C  | -42             | D 97           |
| Flash Point PMCC ° C - minimum                              | 70              | D 93           |
| Viscosity cSt (mm <sup>2</sup> /s)<br>at 40° C<br>at 100° C | 61<br>10.0      | D 445<br>D 445 |
| Performance<br>- API *<br>- JASO *<br>- ISO *               | TC<br>FC<br>EGD |                |

- ❖ Exceeds the highest API, JASO, and ISO standards for detergency, lubricity, pre-ignition, exhaust system blocking and visible exhaust smoke
- Designed to Perform with Unleaded Fuels at Fuel to Oil Ratios of up to 100:1. Proven performance when used in accordance with manufacturers recommended lubrication practices.
- ® Both RAVE and Rotax are registered trademarks of Bombardier Inc.

[Visit](#) your nearest Shell Associate or Reseller for more details.  
 Need more product information? Please the [Shell Customer Service Centre](#) at 1-800-661-1600  
 or e-mail us at [questions@shell.com](mailto:questions@shell.com)

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