



# Lubricants Report



## Product Data Sheet from Shell Lubricants

PDS# 1.14.09

### **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 FD standard.

**Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil is formulated with the environment in mind. It exceeds the JASO FD smoke standard to such a level that visible exhaust smoke is essentially eliminated after warm-up. This lower smoke performance 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 by Shell to meet the requirements of 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 ®.
- **Reduction in Exhaust Smoke - Shell Advance Snow Ultra** High Performance Synthetic Snowmobile Oil is specially formulated to exceed the JASO FD 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 -42°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 -35°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	427-514	
		ASTM METHOD
Density at 15° C-kg/m <sup>3</sup>	847	D 1298
Colour	Blue	-
Pour Point ° C	-42	D 97
Flash Point PMCC ° C - minimum	94	D 93
Viscosity cSt (mm <sup>2</sup> /s) at 40° C at 100° C	37 7.0	D 445 D 445
Performance - API * - JASO * - ISO *	TC FC/FD EGD	

❖ Exceeds the highest API, JASO, and ISO standards for detergency, lubricity, pre-ignition, exhaust system blocking and visible exhaust smoke

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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)

MSDS requests? Please call 1-800-661-1600 or fax your request to (403) 691-3997

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