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DATA BULLETIN

Formula 4-Stroke® Power Sports 0W-40 Synthetic Motor Oil

Formulated for Top ATV/UTV and Snowmobile Performance



AMSOIL Formula 4-Stroke Power Sports Synthetic Motor Oil is specially formulated for ATVs, UTVs, snowmobiles and other powersports applications. Its broad viscosity range and wax-free formulation make it excellent for use in both hot and cold temperature extremes. As an SAE 40-weight motor oil, AMSOIL Formula 4-Stroke Power Sports Oil provides outstanding protection for hot-operating engines, while its 0W rating and -58°F pour point ensure easy cranking, excellent cold-weather starting and quick post-startup protection. Formula 4-Stroke Power Sports Oil is an extreme-temperature lubricant that provides outstanding performance in high-performance, recreational or work/utility engines.

- **Quick** startup protection
- **Helps** prevent carbon/varnish formation
- **Easy** cold-weather starts

Resists Heat and Thermal Breakdown

AMSOIL engineered Formula 4-Stroke Power Sports Synthetic Motor Oil to withstand the high temperatures of recreational engines. It effectively resists oxidation and oil vaporization to help prevent carbon/varnish formation, control oil consumption and minimize exhaust emissions. It also controls oil thickening, promoting improved fuel economy, and it helps keep engines clean for peak operating efficiency.

Excellent For Transmissions

AMSOIL Formula 4-Stroke Power Sports Oil is wet-clutch compatible and contains no friction modifiers, making it ideal for both two- and four-stroke ATV transmissions. The friction-modifier-free formulation is designed to prevent clutch slippage, helping deliver maximum torque and power to the wheels – a critical feature for towing or high-horsepower engines. It meets the frictional requirements of JASO MA/MA2 and ISO-L-EMA2.

Superior Wear Protection

AMSOIL Formula 4-Stroke Power Sports Oil is formulated with high levels of anti-wear additives that provide excellent protection for pistons, bearings and gears in transmission-containing units. Its shear-stable, SAE 40 viscosity delivers a thick lubricating film for an extra margin of protection in hard-working engines.

Anti-Foam

Churning occurs in high-rpm engines that can cause oil to foam, depleting its lubricating abilities and increasing heat and wear. AMSOIL Formula 4-Stroke Power Sports Oil controls foam, promoting cooler engine operation and reduced wear.

Special Additives

AMSOIL Formula 4-Stroke Power Sports Synthetic Motor Oil contains robust dispersant/detergent additives that effectively neutralize the high levels of acids and combustion by-products prone to small engines. It is anti-rust fortified for superior rust prevention, which is especially important in seasonally or infrequently used powersports equipment.

*All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use. All products advertised here are developed by AMSOIL for use in the applications shown.

Order by Phone 1-800-956-5695 - Give Operator Reference #5983322

TYPICAL TECHNICAL PROPERTIES

AMSOIL Formula 4-Stroke® Power Sports Synthetic Motor Oil (AFF)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	14.8
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	87.0
Viscosity Index (ASTM D2270)	179
CCS Viscosity @ -35°C, cP (ASTM D5293)	5805
Flash Point °C (°F) (ASTM D92)	234 (453)
Pour Point °C (°F) (ASTM D97)	-50 (-58)
NOACK Volatility, % weight loss (g/100g) (ASTM D5800)	7.8
Four-Ball Wear Test (ASTM D4172B: 40 kg, 75°C, 1200 rpm, 1 hr.), Scar, mm	0.36
Total Base Number	9.1

APPLICATIONS AND RECOMMENDATIONS

Use in four-stroke ATV, UTV, snowmobile and other powersports engines and in transmissions found in two- or four-stroke applications that require a 0W-30, 0W-40, 5W-30, 10W-30 or 10W-40 oil recommended for any of the specifications below, including those made by Polaris*, Honda*, Yamaha*, Ski-Doo*, Can-Am* (Bombadier*), Suzuki*, Kawasaki* and Arctic Cat*.

- API SL/CF, SJ, SH, SG
- JASO MA/MA2
- ISO-L-EMA2

COMPATIBILITY

AMSOIL Formula 4-Stroke Power Sports Synthetic Motor Oil is compatible with other synthetic and conventional motor oils. Mixing AMSOIL motor oil with other oils, however, will shorten the oil's life expectancy and reduce its performance benefits. AMSOIL does not support extended drain intervals where oils have been mixed.

Aftermarket oil additives are **not recommended** for use with AMSOIL synthetic motor oils.

SERVICE LIFE

Follow the equipment manufacturer's recommended drain interval.

AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.

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AMSOIL The First in Synthetics®

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