



**PROTECTION** | **PERFORMANCE**  
*you demand.* | *you deserve.™*

DATA SHEET

## Synthetic Chaincase & Gear Oil

### Long-Lasting Performance for ATVs and Snowmobiles

AMSOIL Synthetic Chaincase & Gear Oil provides superior protection and performance for enclosed chains and gears found in snowmobiles, ATVs and general equipment. It is formulated with extreme-pressure additives for increased protection against wear that helps extend chain and gear life. AMSOIL Synthetic Chaincase & Gear Oil repels water and inhibits rust, oxidation and foam, and its low pour point ensures superior low-temperature fluidity that reduces drag to deliver maximum power.

#### Designed Specifically for Chaincases & Gearcases

Some enthusiasts use automatic transmission fluid or gear lube in their ATV and snowmobile chaincases and gearcases, but neither fluid is designed for these applications. Automatic transmission fluid is a hydraulic fluid that lacks extreme-pressure additives, leaving gears and chains vulnerable to wear and premature failure. Automotive gear lube is designed to lubricate hypoid gears and is too thick for proper chain and gear lubrication in powersports applications, impairing circulation and leading to wear and decreased energy efficiency.

AMSOIL Synthetic Chaincase & Gear Oil is specifically engineered to meet the demands of enclosed chaincases and gearcases, providing extreme-pressure protection and low-temperature fluidity for superior performance and protection.

#### Long-Lasting Protection

AMSOIL Chaincase & Gear Oil is a 100% synthetic formulation that resists shear and chemical breakdown better than conventional fluids. Its superior base oils and additives provide long-lasting protection.



- **Promotes** long chain and gear life.
- **Superior** all-season performance.
- **Inhibits** rust and oxidation.
- **Engineered** for use in Arctic Cat\* Diamond Drive\* gearcases.

## Typical Technical Properties

### Synthetic Chaincase & Gear Oil (TCC)

|                                                                           |           |
|---------------------------------------------------------------------------|-----------|
| Kinematic Viscosity @ 100°C, cSt (ASTM D445)                              | 10.3      |
| Kinematic Viscosity @ 40°C, cSt (ASTM D445)                               | 68.6      |
| Viscosity Index (ASTM D2270)                                              | 136       |
| Flash Point, °C (°F) (ASTM D92)                                           | 236 (457) |
| Fire Point, °C (°F) (ASTM D92)                                            | 260 (500) |
| Pour Point, °C (°F) (ASTM D97)                                            | -46 (-51) |
| Noack Volatility, % weight loss (g/100g) (ASTM D5800)                     | 5.1       |
| Four-Ball Wear Test (ASTM D4172B @ 40 kg, 75°C, 1200 rpm, 1 hr), Scar, mm | 0.39      |

## APPLICATIONS

Use AMSOIL Synthetic Chaincase & Gear Oil as a replacement for the following ATV and snowmobile original equipment manufacturer (OEM) fluids:

### Arctic Cat\*

|                              |           |
|------------------------------|-----------|
| Synthetic Chain Lube         | #4639-363 |
| Synthetic ACT Gearcase Fluid | #5639-219 |
|                              | #4639-361 |
|                              | #4639-628 |

### Bombardier\*/Ski-Doo\*/Can-Am\*

|                             |            |
|-----------------------------|------------|
| XPS Mineral Chaincase Oil   | #415129500 |
| XPS Synthetic Chaincase Oil | #293600138 |
|                             | #9779156   |

### Polaris\*

|                                   |          |
|-----------------------------------|----------|
| SCL Synthetic Chaincase Lubricant | #2872952 |
|                                   | #2873105 |
|                                   | #2873106 |

### Yamaha\*

|                           |                  |
|---------------------------|------------------|
| Snowmobile Chaincase Lube | #ACC-CHNCS-FS-08 |
|---------------------------|------------------|

## SERVICE LIFE

Recommended for the drain interval established by the OEM.

## COMPATIBILITY

AMSOIL Synthetic Chaincase & Gear Oil is compatible with conventional and synthetic chaincase oils. Mixing AMSOIL Synthetic Chaincase & Gear Oil with other oils will reduce its performance benefits.

## AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit [AMSOIL.com/warranty.aspx](https://www.amsoil.com/warranty.aspx).

## HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended applications and according to the recommendations in the Safety Data Sheet (SDS) available at [AMSOIL.com](https://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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