



**PROTECTION** | **PERFORMANCE**  
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DATA SHEET

## Synthetic Dirt Bike Transmission Fluid

### Designed to Improve Bike and Rider Performance

AMSOIL Synthetic Dirt Bike Transmission Fluid is specifically engineered to provide smooth, confident and consistent clutch engagement for predictable power delivery when riders need it most. It also guards against gear and clutch wear, making it the best choice for professional riders and weekend warriors focused on reducing maintenance so they can spend more time on the trail or track. As a high-performance alternative to original equipment manufacturer (OEM) fluids, it provides superior clutch engagement that resists slipping, grabbing and fading so riders can earn more holeshots with faster launches and easily maneuver over or around obstacles.

#### Consistent Clutch Feel

The superior friction-durability properties of AMSOIL Synthetic Dirt Bike Transmission Fluid help eliminate clutch slippage, fade and chatter to provide consistent clutch engagement during launches and when maneuvering over and around obstacles. Its low-viscosity formulation is designed to deliver more aggressive clutch feel and superior clutch performance, giving riders confidence that their bikes will deliver predictable power when they need it.

#### Protects Against Wear

The intense engagement of metal parts inside a dirt bike transmission can shear lubricants and reduce their viscosity. A transmission fluid that falls out of its intended viscosity range can fail to maintain a strong protective film between parts, leading to wear. The synthetic base oils in AMSOIL Synthetic Dirt Bike Transmission Fluid naturally resist mechanical shear and viscosity loss to maintain a thick protective film that helps prevent metal-to-metal contact, even under heavy clutch usage in extreme environments. Its premium anti-wear additives provide an extra measure of protection against wear that helps reduce maintenance and extend gear and clutch life.



- **Delivers** consistent clutch feel.
- **Protects** against gear and clutch wear.
- **Helps** extend clutch life.

TYPICAL TECHNICAL PROPERTIES
AMSOIL Synthetic Dirt Bike Transmission Fluid (DBTF)

|                                              |           |
|----------------------------------------------|-----------|
| Kinematic Viscosity @ 100°C, cSt (ASTM D445) | 10.3      |
| Kinematic Viscosity @ 40°C, cSt (ASTM D445)  | 65.1      |
| Viscosity Index (ASTM D2270)                 | 144       |
| Pour Point, °C (°F) (ASTM D97)               | -40 (-40) |
| Flash Point, °C (°F) (ASTM D92)              | 246 (475) |
| Fire Point, °C (°F) (ASTM D92)               | 274 (525) |
| Four-Ball Wear Test (ASTM D4172)             |           |
| Para 1 (75°C, 1200 rpm, 40 kg, 1 hr)         | 0.43      |
| Para 3 (150°C, 1800 rpm, 40 kg, 1 hr)        | 0.56      |

APPLICATIONS

Use in two- and four-stroke dirt bikes that use a separate sump, including those made by Honda,\* Yamaha,\* Kawasaki,\* Suzuki,\* Husqvarna\* and KTM.\*

RECOMMENDATIONS

Change AMSOIL Synthetic Dirt Bike Transmission Fluid according to the vehicle manufacturer's recommendations.

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) available at AMSOIL.com or upon request at (715) 392-7101. Keep Out of Reach of Children. Recycle used oil and bottle.

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