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AMSOIL
The First in Synthetics®

DATA BULLETIN

OFFICIAL OIL

MONSTER ENERGY AMA SUPERCROSS
FIM World Championship

Synthetic Dirt Bike Transmission Fluid

Designed to Improve the Performance of Bike and Rider

Grabbing the holeshot in a race or maneuvering around obstacles on the trail requires a transmission fluid that doesn't slip or grab. AMSOIL Synthetic Dirt Bike Transmission Fluid is specifically formulated to provide consistent clutch feel, delivering riders confidence their clutch will respond the way they want. It also guards against gear and clutch wear so enthusiasts can spend more time riding and less performing maintenance. AMSOIL Synthetic Dirt Bike Transmission Fluid is a cost-effective, high-performance alternative to original equipment manufacturer (OEM) fluids.

AMSOIL INC., the premier manufacturer of synthetic motorcycle lubricants, focuses on improving lubricant performance so riders can focus on improving their performance on the trail or the track. That's why AMSOIL is the Official Oil of Monster Energy Supercross, AMSOIL Arenacross, AMSOIL GNCC and the AMA Amateur Nationals.



- **Delivers** confident clutch feel
- **Protects** against gear and clutch wear

Confidence in Clutch Feel

AMSOIL Synthetic Dirt Bike Transmission Fluid's superior friction-durability helps minimize clutch slippage, providing riders consistent clutch feel during takeoffs or when navigating obstacles on the trail. Its lower viscosity delivers more aggressive clutch feel, while its superior performance helps instill in riders the confidence their bikes will perform consistently in all types of riding conditions.

Protects Against Gear & Clutch Wear

The intense environment inside a dirt bike transmission can shear lubricants, leading to viscosity loss. A lubricant that has fallen out of its intended viscosity range can fail to develop a strong fluid film between parts, leading to wear. AMSOIL Synthetic Dirt Bike Transmission Fluid's high-quality synthetic base oils withstand viscosity loss due to shear. It delivers excellent wear protection for gears and clutch plates, helping riders get the most out of their bikes.

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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)	66.5
Viscosity Index (ASTM D2270)	142
Pour Point, °C (°F) (ASTM D97)	-44 (-47)
Flash Point, °C (°F) (ASTM D92)	248 (478)
Fire Point, °C (°F) (ASTM D92)	266 (511)
Four-Ball Wear Test (ASTM D4172)	
Para 1 (75°C, 1200 rpm, 40 kg, 1 hr)	0.35
Para 3 (150°C, 1800 rpm, 40 kg, 1 hr)	0.41

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). 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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