



The First in Synthetics®

Formulated for High Horsepower and High Torque Applications

PRODUCT DESCRIPTION

AMSOIL Synthetic Supershift Racing Transmission Fluid is specifically formulated for automatic transmissions operating in high horsepower and high torque conditions. AMSOIL Supershift Transmission Fluid contains top-quality additives selected specifically for racing applications. Its unmatched transmission friction performance provides high holding capacity for maximum torque transfer and brake power, reduced wear and longer clutch plate life. Supershift virtually eliminates slippage, promotes positive clutch engagement and improves overall shift performance, helping racers improve on elapsed times.

Wear Protection

Synthetic Supershift contains a robust additive system for extra protection, and its shear stable base oils prevent viscosity loss throughout its service life. Supershift provides long-term protection against equipment wear, even when the equipment is frequently subjected to sustained periods of applied pressure or high horsepower and high torque. Clutches, bearings and bushings last longer, saving money on transmission repairs.

Extreme Temperature Performance

AMSOIL Synthetic Supershift Racing Transmission Fluid is highly effective against heat and wear, reducing transmission temperature and minimizing or eliminating burned up transmissions. Its superior oxidative and thermal stability inhibits the formation of varnish, deposits and sludge so equipment runs clean. Supershift is an excellent heat transfer fluid and may help hot-running equipment operate up to 50° F cooler and keep them running in their optimal temperature range. In low temperatures, Synthetic Supershift Transmission Fluid flows readily for dependable startup and post-startup protection.

Copper Corrosion, Rust and Foam Inhibition

AMSOIL Synthetic Supershift Racing Transmission Fluid protects equipment from copper corrosion and rust, even during equipment storage. It does not foam in service, protecting equipment from the metal-to-metal contact and wear that occurs with use of foam-filled fluids.

SUPERSHIFT RACING TRANSMISSION FLUID

- Caterpillar TO-4
 - Allison C-4
 - Ford Type F

COMPATIBILITY

AMSOIL Synthetic Supershift Racing Transmission Fluid is fully compatible with other fluids. However, a mixture of AMSOIL Supershift and another oil will decrease performance and offer a shorter service life than pure AMSOIL Synthetic Supershift Racing Transmission Fluid.

RECOMMENDATIONS

AMSOIL Supershift Racing Transmission Fluid is recommended for automatic transmissions that are coupled to high horsepower, high torque engines. It is also recommended where heavy loads place a high demand on transmissions. Recommended where CAT TO-4, Allison C-4 or Ford Type F is required. Suggested automatic transmission applications:

- Drag Racing Cars and Trucks
- Monster Trucks
- Stock Cars
- Off Road 4x4 Vehicles
- Trailer Towing Vehicles
- Buses
- Moving Vans
- Box Trucks
- Street Hot Rods

Note: AMSOIL Supershift Transmission Fluid is not recommended as a replacement for Ford Mercon, GM Dexron or Chrysler ATF+ type fluids in passenger vehicles and truck transmissions as it may cause erratic shift patterns, chattering or noise. AMSOIL is not responsible for transmission performance inconsistent with those specifications listed, where no modifications have been made from the original manufacturer's design.

TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic Supershift Racing Transmission Fluid (ART)

Kinematic Viscosity @ 100° C, cST (ASTM D-445)	7.1
Kinematic Viscosity @ 40° C, cST (ASTM D-445)	40.5
Viscosity Index (ASTM D-2270).....	138
Flash Point °C (°F) (ASTM D-92)	254 (486)
Fire Point °C (°F) (ASTM D-92)	270 (518)
Pour Point °C (°F) (ASTM D-97)	-51 (-60)
Four Ball Wear Test 40 kg 75° C, 1200 rpm, 1 hour (ASTM D-4172 B)	0.35

For applications and recommendations, contact your local AMSOIL industrial sales representative or AMSOIL INC.

