



The First in Synthetics®

Super Shift® Racing Transmission Fluid

Allison C-4 • Ford Type F

Formulated for High Horsepower and High Torque Applications

Product Description

AMSOIL Synthetic Super Shift® Racing Transmission Fluid is specifically formulated for automatic transmissions operating in high horsepower and high torque conditions. AMSOIL Super Shift® 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. Super Shift® virtually eliminates slippage, promotes positive clutch engagement and improves overall shift performance, helping racers improve on elapsed times.

Wear Protection

AMSOIL Synthetic Super Shift® Racing Transmission Fluid contains a robust additive system for extra protection, and its shear stable base oils prevent viscosity loss throughout its service life. Super Shift® 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 Super Shift® 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. Super Shift® acts as a heat transfer fluid and by controlling clutch slippage it helps reduce operating temperatures of hot transmissions by up to 50° F. In low temperatures, Super Shift® flows readily for dependable startup and post-startup protection.

Copper Corrosion, Rust and Foam Inhibition

AMSOIL Synthetic Super Shift® Racing Transmission Fluid protects equipment from copper corrosion and rust, even during equipment storage. It controls foaming for reduced component wear and responsive clutch plate engagements.



TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic Super Shift® 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 (489) |
| Fire Point °C (°F) (ASTM D-92) | 270 (518) |
| Pour Point °C (°F) (ASTM D-97) | -51 (-60) |
| Four-Ball Wear Test (ASTM D-4172B @ 40 kg, 75°C, 1200 rpm, 1 hr), Scar, mm | 0.35 |

RECOMMENDATIONS

AMSOIL Synthetic Super Shift® Racing Transmission Fluid is recommended for automatic transmissions coupled to high horsepower, high torque engines. It is also recommended where heavy loads place a high demand on transmissions. Recommended where 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**
- **Street Hot Rods**



COMPATIBILITY

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

Note: AMSOIL Synthetic Super Shift® Racing Transmission Fluid is not recommended as a replacement for Ford Mercon, GM Dexron or Chrysler ATF+ type fluids in passenger vehicle 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 and where transmissions have been modified from the original manufacturer's design.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Material Safety Data Sheet (MSDS). An MSDS is available upon request at (715) 392-7101 or via the internet at www.amsoil.com. **Keep Out of Reach of Children.** Don't pollute. Return used oil to collection centers.

AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

