



# LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

## FULL SYNTHETIC MULTI-VEHICLE AUTOMATIC TRANSMISSION FLUID



Lucas Oil Full Synthetic Multi-Vehicle Automatic Transmission Fluid is a fully synthetic transmission fluid formulated to provide today's transmissions with outstanding protection. This formulation offers excellent oxidation stability, foam resistance, rust and corrosion inhibition properties, wear protection and heat resistance. Our fluid meets the OEM requirements of most passenger car and heavy-duty transmissions, ensuring smooth shifting, chatter-free experience with superior gear cleanliness and wear protection. Lucas Oil Full Synthetic Multi-Vehicle ATF is recommended for use in both new and older vehicles including Japanese and European transmissions. It is compatible with synthetic and conventional fluids and has outstanding seal compatibility and shear stability. Lucas Oil recommends this fluid for use in most passenger vehicles, high performance trucks, buses, utility vehicles, haulers, and recreational vehicles outfitted with automatic transmissions.

### PART NUMBER AND SIZE:

10418 – 1 Quart (Case of 6)  
10659 – 55 Gallon  
10464 – 330 Gallon

### SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS:

Suitable for use in vehicles whose owners manuals recommend: Ford MERCON® V, Allison C-4, Allison TES-295, JASO 1-A, Voith H55.6335, Voith 55.6336, ZF TE-ML 14A, MAN 393 Z1, Z2, Z3 V1, V2, F, MB 236.9, Esso LT 71141, GM Dexron®, Dexron® II, Dexron® III H, Chrysler ATF +3, Chrysler ATF +4, BMW LT 71141, BMW LA2634, Audi G-052-162-A1, Audi G 052 025-A2, MERCON®, Kia SP-II, Kia SP-III, JWS 3309, Idemitsu K17, Hyundai SP-II, Hyundai SP-III, Honda Z-1, Mazda ATF-MV, Mazda ATF-M III, MB 236.1, 236.2, 236.5, 236.6, 236.7, 236.10, Subaru, Nissan Matic-K, Nissan Matic-J, Nissan Matic-D, Mitsubishi Diamond SP-II, Mitsubishi Diamond SP-III, Toyota T-III, Toyota T-IV, VW G-052-162-A1, VW G-052-025-A2, ZF TE-ML 03D, TE-ML 17C, TE-ML 16L, TE-ML 14C, TE-ML 14B, TE-ML 14A, Volvo 97340.

### FEATURES AND BENEFITS:

- Fully synthetic formula
- Highly shear stable, high-viscosity ATF for application in most vehicle automatic transmissions.
- Outstanding gear cleanliness and wear protection
- Provides smooth engagement with no chatter.

### MAIN APPLICATIONS:

Lucas Oil Synthetic Multi-Vehicle ATF is a perfect service fill fluid for most automatic transmissions specifying a high-viscosity fluid. This fluid is not recommended for use in Continuously Variable Transmissions (CVT), Dual Clutch Transmissions (DCT), or vehicles which use Ford Type F ATF. For transmissions using low-viscosity ATF (such as Mercon® SP/LV and Dexron® VI) Lucas Oil recommends Lucas Oil Low Viscosity Synthetic ATF (part no. 11255/11256). Lucas Oil Multi-Vehicle ATF is suitable for use in all power steering applications except for Honda/Accura.



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## TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	35.5
Specific Gravity @ 60°F	D4052	0.847
Density @ 60°F, Lbs/US Gal	D4052	7.06
Viscosity @ 100°C cSt	D445	7.3
Viscosity @ 40°C cSt	D445	34
Viscosity Index	D2270	190
Color		Red
Flash Point, COC °F	D92	428
Brookfield Viscosity @ -40°C, CPS	D2983	7,000
Pour Point, °C (°F)	D97	-57 (-71)

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

## LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.com](https://www.lucasoil.com)