

Bio-SynXtra™ ATF LV6

Biobased Low Viscosity Automatic Transmission Fluid

Bio-SynXtra™ ATF LV6 is a high-performance, multifunctional automatic transmission fluid formulated with patented Stabilized™ additive technology, super high VI biodegradable biobased oils, and high VI bio-synthetic base stocks. Designed for use in automatic transmissions and hydraulic systems requiring a low-viscosity, multi-grade ATF, this environmentally responsible fluid delivers anti-shudder durability, excellent wear protection, and optimized torque performance for modern vehicles and equipment.

Benefits

- Readily biodegradable, environmentally non-toxic, not bioaccumulative
- Improved fluid film viscosity with reduced mechanical shear
- Enhanced cold-temperature fluidity for faster circulation
- High oxidation resistance and thermal stability
- Friction-optimized for smooth shifting and efficient power transfer
- Provides seal conditioning to reduce leaks and extend equipment life
- Compatible with a wide range of OEM specifications for multi-vehicle ATFs
- Manufactured with carbon-negative Stabilized™ HOBs base oils

Application / New Filling

- Recommended for use in:
 - Automatic transmissions and hydraulic systems requiring low-viscosity ATF (5.5-6.5 cSt)
 - Passenger cars, trucks, construction and mining equipment, and farm machinery
 - Hydraulic systems including Voith, ZF, Caterpillar TO-2, Sperry Vickers, Denison, and Sundstrand
 - Air compressors and other ISO 32 low-viscosity applications
- Compatible With:
 - GM Dexron-VI
 - Ford Mercon SP and Mercon LV
 - Multi-vehicle ATF systems (North American, European, and Asian OEMs including ZF 6-speed transmissions)

Not recommended for CVT, DCT, or Ford Type F transmissions.

For applications requiring a heavier viscosity ATF, use Bio-SynXtra™ ATF Plus.



Specifications and Approvals

- Stabilized™ by Renewable Lubricants: Patented anti-oxidant, anti-wear, and cold flow technology
 - o U.S. Patents: 6,383,992; 6,534,454 (additional pending)
- Meets OEM viscosity requirements for multiple vehicle and equipment manufactures
- Biobased formulation using High Oleic Base Stocks (HOBS)

Typical Specifications

Viscosity, cSt @ 100°C	6
Viscosity, cSt @ 40°C	29.6
Viscosity Index	155
Viscosity, cp @ -40°C	10,200
Pour Point, °C	-48
Flash Point, °C	220
Color	Red