

DESCRIPTION

Longlife Elite Low Viscosity ATF is a high-performance, fully synthetic automatic transmission fluid formulated with advanced synthetic base oils and multi-vehicle additive technology. Engineered for 6-speed and higher step-AT systems, it is suitable for use in JASO 1-A-LV, DEXRON®-VI, MERCON® LV, and SP standards, ensuring compatibility with a wide range of American, European, and Asian passenger cars, 4WDs, light commercial vehicles, and heavy-duty applications requiring conventional ATF that meet these specifications. Its low viscosity formulation reduces friction for smoother, noise-free gear shifts and enhanced fuel efficiency. Superior thermal and oxidative stability, combined with exceptional wear protection, corrosion resistance, anti-shudder durability, and sludge/deposit prevention, extends transmission and fluid life, ensuring system cleanliness and reliable performance under severe conditions.

APPLICATIONS

Longlife Elite Low Viscosity ATF is formulated for applications requiring low viscosity automatic transmission fluids, including:

- Passenger cars, SUVs, CUVs, and light commercial trucks
- Systems specifying DEXRON® VI, MERCON® LV, and 6-speed or higher transmission configurations
- Not suitable for Continuously Variable Transmissions (CVT) or Dual Clutch Transmissions (DCT).

SPECIFICATIONS & RECOMMENDATIONS

- DEXRON -VI
- Honda DW-1
- MERCON LV Fluid
- Toyota WS
- JASO – 1A

ADVANTAGES & BENEFITS

- **Extended Fluid and Transmission Life:** Superior thermo-oxidative stability, wear protection, and resistance to chemical deterioration ensure longer fluid and transmission durability.
- **Improved Fuel Efficiency:** Low viscosity minimizes pumping, churning losses, and drag, enhancing fuel economy.
- **Enhanced Shift Feel and Drivability:** Optimized anti-shudder properties, torque capacity, low-temperature performance, and balanced friction deliver smoother gear shifts and better driving experience.
- **Robust Hardware Protection:** Advanced anti-corrosion, excellent foam inhibition, and seal compatibility provide fluid stability and component protection.
- **Multi-Vehicle Versatility:** Suitable for a wide range of automatic transmissions, reducing inventory costs and misapplication risks.
- **Wide Temperature Performance:** High viscosity index and shear stability ensure reliable lubrication across extreme temperatures.

HEALTH & SAFETY

This product is not anticipated to pose any adverse health risks when used as intended.

For additional details, refer to separate Safety Data Sheets, available upon request.


TECHNICAL DATA/TECHNICAL PROPERTIES

Properties	Low-Viscosity ATF
Viscosity @ 100° C, cSt	5.8 – 6.4
Viscosity Index	149
Flash Point, °C(°F)	>220 (428)
Brookfield @ -40C, cP	<15,000
Pour Point, °C(°F)	-60 (-76)
Product Code	RM-LLELVATF

*All properties are typical and may vary.

Always adhere to the manufacturer's guidelines for the correct equipment fluid. Lubchem Specialties is not liable for any misuse of the product or improper application.