



ATF Type-TLS LV

Premium Automatic Transmission Fluid for Toyota, Lexus, & Scion

Description and Application

ATF Type-TLS LV is formulated to meet the specific requirements of Toyota, Lexus, and Scion vehicles equipped with conventional (non-CVT) transmissions that require the use of ATF WS.

ATF Type-TLS LV is recommended for service-fill in all Toyota, Lexus, and Scion automatic transmissions where ATF WS is specified.

Features and Benefits

- **Improved Economy:**
 - Optimized viscosity and advanced friction reduction additives provide exceptional fuel economy performance.
- **Smooth Shifting:**
 - Precisely engineered frictional characteristics guarantee smooth shifts and outstanding anti-shudder performance.
- **Long Lasting:**
 - Excellent resistance to oxidation and thermal breakdown provides long fluid life and extended protection.
- **Protects Surfaces:**
 - Provides superior deposit control and protects metal surfaces from rust and corrosion.
- **Anti-wear:**
 - Advanced anti-wear technology provides maximum protection to gears and bearings.
- **Seal Compatibility:**
 - Carefully balanced base oils provide excellent seal compatibility and conditioning, reducing the risk of fluid leaks due to seal shrinking, hardening, and cracking.

Typical Test Data

Characteristics	Units	Test Method	Typical Value
Appearance	N/A	Visual	Red Clear Liquid
Kinematic Viscosity @100°C	cSt	ASTM D445	5.3
Kinematic Viscosity @ 40°C	cSt	ASTM D445	22.8
Viscosity Index	N/A	ASTM D2270	175
Pour Point	°C	ASTM D97	-54
Brookfield Viscosity @ -40°C	cP	ASTM D2983	6900
Flash Point, COC	°C	ASTM D92	170

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Technical Data Sheet

OE Solutions

- Idemitsu ATF and CVT fluids are OE quality products engineered to meet the most stringent requirements of all Asian brands.
- Consumers and Technicians recognize that fluids exclusively designed for specific transmissions are the best way to extend the life of the vehicle.
- Our application specific formula guarantees no shift shocks, less clutch wear, and reduced fuel and oil consumption.

Health and Safety

Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. To request the SDS, please email lla.sds@idemitsu.com

Idemitsu is ISO Certified

Typical Test Data properties are provided as reference and may vary slightly. They do not constitute a specification.

Product formulations and information contained herein are subject to change without notification.

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