

IDEMITSU ATF Type - TLS-LV

Premium Automatic Transmission Fluid for Toyota, Lexus, & Scion

Description and Application

IDEMITSU 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 Toyota ATF WS.

IDEMITSU 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

- Optimized viscosity and advanced friction reducing additive technology provide exceptional fuel economy performance.
- Precisely engineered frictional characteristics guarantee smooth shifting and outstanding anti-shudder performance.
- Excellent resistance to oxidation and thermal breakdown provide long fluid life and extended protection.
- Provides superior deposit control and protects metal surfaces from rust and corrosion.
- Exceptional wear protection of gears and bearings.
- Excellent seal compatibility and conditioning reduces risk of fluid leaks due to seal shrinkage, hardening and cracking.


Typical Characteristics


Test	Unit	Method	Typical Results
Appearance	----	Visual	Red Clear Liquid
Density @ 15°C	g/cm ³	ASTM D4052	0.853
Kinematic Viscosity @ 40°C	cSt	ASTM D445	22.8
Kinematic Viscosity @ 100°C	cSt	ASTM D445	5.3
Viscosity Index	—	ASTM D2270	175
Pour Point	°C	ASTM D97	-54
Brookfield Viscosity @ -40°C	cP	ASTM D2983	6,900
Flash Point, COC	°C	ASTM D92	170

OE Solutions

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

Idemitsu Lubricants America Corp.

 Detroit Sales Office
3000 Town Center, Ste 2820
Southfield, MI 48075

 +1 248.355.0666

 SAT@ilacorp.com

 www.ilacorp.com



Idemitsu is ISO Certified:

ISO 9001:2008

ISO 14001:2004

ISO/TS 16949:2009



*Idemitsu Lubricants America Corporation
Typical 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.*