

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.

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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.*