



Tanikawa Chemical Laboratory
TCL

ATF
FULLY SYNTHETIC

Made
in
JAPAN

ATF WS

High quality Automatic Transmission Fluid for cars designated to use WS type ATF

[Product outline]

TCL ATF WS enables smooth shift change by suppressing shift shock under wide range of temperature from extreme cold to hot, and provides comfortable drive feeling. Proper torque transmission by optimal friction characteristics realizes pleasant start and acceleration. Excellent shear stability, oil film strength and abrasion resistance extend the service life of AT. High performance ATF that covers from fuel saving to sports mode.

[Product features]

- Compatible with TOYOTA ATF WS, and can be used for cars which are recommended to use Auto Fluid WS.
- Despite the low viscosity, owing to high-quality additives, provides superior protection performance for automatic transmission.
- Meeting the technical requirements of the latest type AT which is becoming higher performance, provides comfortable drive-feeling and reliability.
- With excellent shear stability, oil film strength and abrasion resistance, reduces friction of the transmission to prolong the life of the transmission.
- Excellent low temperature fluidity improves transmission efficiency and startability, and improves lubrication even in low temperature conditions.
- Can't be used for cars which are designated to use their exclusive ATF. Don't use also for CVT cars.
- Before exchanging ATF, make sure to check AT has no problem or damage. Exchanging ATF without prior check might be a cause of troubles and claims.

[Specifications]

Usage	Automatic Transmission Fluid
Product Line	ATF
Product Name	TCL ATF WS
Base Oil	Fully Synthetic

[Representative physical properties]

Appearance		Clear Red
Density (15°C)	g/cm ³	0.8520
Color (ASTM)		—
Flash point (COC)	°C	206
Pour point	°C	< -42.5
Viscosity (-40°C)	mPa·s	12,000
Kinetic viscosity (40°C)	mm ² /s	34.97
Kinetic viscosity (100°C)	mm ² /s	7.275
Viscosity index		179
Base number (PCA)	mgKOH/g	2.25
Foaming test (SeqII)	ml	0/0

Item Code	Packing
A004TYWS	4L x 6 pcs