



Tanikawa Chemical Laboratory  
**TCL**

**ATF**  
FULLY SYNTHETIC

Made  
in  
JAPAN

# ATF HP

High quality Automatic Transmission Fluid for cars designated to use HP type ATF for 4AT/5AT

## [Product outline]

TCL ATF HP 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 SUBARU ATF for 4AT and 5AT, and can be used for cars which are recommended to use SUBARU ATF.
- SUBARU specific fluid that covers from fuel saving to sports mode, suitable also for AT equipped with standby mode and manual mode.
- With excellent shear stability, oil film strength and abrasion resistance, reduces friction of the transmission to prolong the life of the transmission.
- Enables smooth gear shift and stable torque transfer under wide temperature condition from cold to hot.
- Extend the durability of automatic transmission and improves shift response to precise control.
- 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 HP
Base Oil	Fully Synthetic

## [Representative physical properties]

Appearance		Clear Red
Density (15°C)	g/cm <sup>3</sup>	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 <sup>2</sup> /s	34.97
Kinetic viscosity (100°C)	mm <sup>2</sup> /s	7.275
Viscosity index		179
Base number (PCA)	mgKOH/g	2.25
Foaming test (SeqII)	ml	0/0

Item Code	Packing
A004TYHP	4L x 6 pcs