



Tanikawa Chemical Laboratory  
**TCL**

**ATF**  
FULLY SYNTHETIC

Made  
in  
JAPAN

# ATF Z-1

High quality Automatic Transmission Fluid for cars designated to use ULTRA Z-1 type ATF

## [Product outline]

TCL ATF Z-1 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 HONDA ULTRA ATF-Z1, and can be used for cars which are recommended to use ULTRA ATF-Z1.
- With optimum clutch wear property, supports smooth start and acceleration.
- Excellent thermal stability and oxidation stability improve transmission efficiency and shift performance.
- Enables smooth gear shift and stable torque transfer under wide temperature condition from cold to hot.
- Excellent oxidation stability at high temperature suppresses deterioration of ATF and generation of sludge inside AT. Stable judder prevention provides comfortable driving with good fuel economy.
- 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 Z-1
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
A004TYZ1	4L x 6 pcs