

PRODUCT DESCRIPTION

ATF Z-1 is a fully synthetic automatic transmission fluid formulated to meet the demanding requirements of all HONDA and ACURA vehicles built with 4-5 speed automatic transmission systems, where ATF-Z1 fluid is required. Outstanding friction characteristics to improve the overall transmission durability.

ATF Z-1 enables effective cooling of transmission during long periods of operation. Provides good wear protection of planetary gears at high temperatures and high loads. Superior cleaning performance to keep transmission system at tip-top condition during the fluid's service life.

APPLICATION

Recommended for use in HONDA, ACURA and other 4-5 speed automatic transmissions where ATF-Z1 fluid is required. ATF Z-1 is a high performance fluid developed to meet the requirements of Japanese, Koreans, Americans, European and other Asian car manufacturers.

ATF Z-1 is used in 2010 and older vehicle models. Do not use this fluid in 2011 and new vehicle models.

WARRANTY

ATF Z-1 meets or exceeds the OEM's warranty requirements where Z1 fluid is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	STANDARDS
Kinematic viscosity at:			
40 °C	cSt	35.19	ASTM D445
100 °C	cSt	7.33	ASTM D445
Viscosity index	-	180	ASTM D2270
Color	-	Red	ASTM D1500
Flash point	°C	230	ASTM D92
Pour point	°C	-45	ASTM D6892
Density at 30 °C	kg/L	0.8338	ASTM D4052

CUSTOMER BENEFITS

- Durable transmission system**
 Specially selected additives to protect gaskets, seals, O-rings, and other mechanical parts for prolonged service life and increased reliability of the transmission system.
- Optimum gear shifts**
 Improves driver's comfort with efficient and smooth gear shifting without shudder.
- Prevents leakage**
 Fluid does not cause swelling, shrinkage, or hardening of seals. It keeps seals tight to ensure a leak free system.
- Long oil service life**
 Effectively prevents the buildup of soot, varnish, and sludge to guarantee a drain interval of no less than 40000 km.

MEETS SPECIFICATIONS & REQUIREMENTS OF:

- HONDA ATF-Z1
- ACURA ATF-Z1
- HONDA ATF ULTRA II

Refer to chart for additional specifications & SFU list.

Suitable for use in various OEMs such as HONDA, ACURA and other 4-5 speed automatic transmissions requiring a Z1 automatic transmission fluid.

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

ADDITIONAL SPECIFICATIONS & SUITABLE FOR USE LIST

OEM/BRAND	SPECIFICATIONS
ACURA	08200-9001A
HONDA	08200-9001 Honda ATF-Z1 1L, 08266-99904 Honda ATF-Z1 4L, 08266-999-01H-E Honda ATF-Z1 1L, 08268P9901ZT1 Honda ATF-Z1 1L, 08266-99907 Honda ATF-Z1 20L, 08200-9005 Honda ATF-Z1 208L

STORAGE AND HANDLING GUIDELINES

- Avoid exposing products to direct sunlight.
- Store in cool and dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors or under cover on pallets and racks.

HEALTH, SAFETY & ENVIRONMENT PROTECTION

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

TOTACHI INDUSTRIAL CO. LTD. disclaims any liability in case the product is used with violation of these instructions and warnings or it is not used for its intended purpose. Before using product other than intended, consult your local TOTACHI® distributor.