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### Eneos AT Fluid

#### OVERVIEW

ENEOS AT Fluid is a high-performance automatic transmission fluid (ATF) that meets General Motors™ DEXRON®-III and Ford™ MERCON® standards. This versatile ATF can be used in both regular automatic transmissions and in transmissions with slip-lockup control systems. Blended from high-performance base oils and carefully selected additives, including friction modifiers, detergent-dispersants, oxidation inhibitors, viscosity index improvers, corrosion inhibitors, and defoaming agents, ENEOS AT Fluid is a well-balanced fluid for automobiles with automatic transmissions.

#### SPECIAL FEATURES

- Meets GM's and Ford's ATF Standards  
ENEOS AT Fluid meets the latest General Motors DEXRON®-III and Ford MERCON® standards.
- Compatible with Both Regular and Slip-Lockup Automatic Transmissions  
ENEOS AT Fluid is a multipurpose ATF that can be used in both regular automatic transmissions and in the increasingly popular transmissions that have slip-lockup control systems.
- Outstanding Friction Characteristics and Antishudder Protection  
Thanks to its well-balanced blend of carefully selected additives, ENEOS AT Fluid has outstanding friction characteristics with wet clutches and brakes (characteristics that affect the shifting performance of automatic transmissions). As a result, gear shifting is smoother with less shock. The fluid also has superb, long-lasting antishudder protection.
- Excellent Compatibility with Transmission Materials  
The friction modifiers and other additives in ENEOS AT Fluid have been carefully screened for top-level compatibility with the rubber, nylon, and plastic materials used in the components of automatic transmissions.
- Provides Top-Class ATF Performance  
The well-balanced blend of high-performance base oils and carefully selected additives used in ENEOS AT Fluid ensure superior performance in every area required of ATFs, including low-temperature flow properties, oxidation stability, antiwear, shear stability, and foaming prevention.

#### APPLICATION

Automobiles with automatic transmissions.

#### APPLICABLE VEHICLES

Automobiles with torque-converter automatic transmissions EXCEPT the following:

Automobiles with continuously variable transmissions (CVT);  
Automobiles designated for Ford Type F ATFs (manufactured in 1986 or earlier);  
Non-Japanese cars requiring original ATFs.

Please inquire about other types of vehicles.

#### CONTAINERS

1USQ bottle

#### Typical Properties of ENEOS AT Fluid

Appearance	Red
Density (15°C), g/cm <sup>3</sup>	0.849
Flash point (COC), °C	214
Kinematic viscosity	
(40°C), mm <sup>2</sup> /s	33.16
(100°C), mm <sup>2</sup> /s	7.398
Viscosity index	199
Low-temperature viscosity (-40°C), mPa·s	15,000
Pour point, °C	-45 Max.
TAN, mgKOH/g	1.46
TBN (HCl), mgKOH/g	2.47

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[Download MSDS](#)  
(Material Safety Data Sheet)

Copper strip corrosion (100°C, 3 h)	1a
Aniline point °C	108
Foaming prevention, ml/ml	
Seq. I	0
Seq. II	20/0
Seq. III	0

Note: The typical properties may be changed without notice. (December 2004)

### Compatibility of ENEOS AT Fluid

manufacturer	Name of Genuine Oil	Compatible
Toyota	Castle Auto Fluid Special	NO
	Castle Fluid Type T	Yes
	Castle Fluid Type T-II	Yes
	Castle Fluid Type T-III	Yes
	Castle Fluid Type T-IV	Yes
	Castle Auto Fluid WS	NO
Nissan	Toyota CVT Fluid TC	NO
	Nissan Multi Fluid D (for AT vehicles)	Yes
	Nissan Multi Fluid D (for CVT vehicles)	NO
	Nissan Matic Fluid J	Yes
	Nissan CVT Fluid NS-1/NS-2	NO
Honda	Nissan CVT Fluid KTF-1	NO
	Honda Ultra ATF	Yes
	Honda Ultra ATF-Z1 (for AT vehicles)	Yes
Mitsubishi Motor	Honda Ultra ATF-Z1 (for CVT vehicles)	NO
	DIA Queen ATF II/AW	Yes
	DIA Queen ATF SP II/II M	Yes
	DIA Queen ATF SP III (AT vehicles)	Yes
Mazda	DIA Queen ATF SP III (CVT vehicles)	NO
	Mazda ATF M-III	Yes
	Mazda ATF F-1/S-1/N-1/M-V	Yes
Fuji Heavy Industries	Ford Type F	NO
	Subaru ATF	Yes
Isuzu	Subaru E CVT/i-CVT Fluid	NO
	Besco ATF-II/III	Yes
Daihatsu	Besco NAVI-5	NO
	Amix ATF Multi/D III-SP	Yes
Suzuki	Suzuki AT Oil	Yes
	Suzuki CVT Fluid	NO
	S-CVT	NO
Non-Japanese	AT vehicles recommended to use DEXRON®-II, III/MERCON® fluids	Yes
	Other vehicles with undetermined ATF requirements (including vehicles requiring original ATFs)	NO

Note: The Zero Crown and Celsio require special tools to replace the ATF. Those tools are presently unavailable, so do not change the ATF of such vehicles.

### Follow these precautions when handling this product:

<b>Handling</b>	• Draining oil from a hot transmission can cause burns. Drain oil only after
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<b>Precautions</b>	<p>the transmission has cooled.</p> <ul style="list-style-type: none"> <li>• Inflammation can occur if oil enters the eyes. When handling this oil, wear protective goggles or take other measures to prevent eye contact.</li> <li>• Inflammation can occur if oil comes into contact with skin. When handling this oil, wear protective gloves or take other measures to prevent skin contact.</li> <li>• Do not drink this oil. (Swallowing this oil can cause diarrhea and nausea.)</li> <li>• Keep out of reach of children.</li> <li>• Read the Material Safety Data Sheet (MSDS) for this product before using the product. Obtain the Material Safety Data Sheet from where you purchased the product.</li> </ul>
<b>First Aid</b>	<ul style="list-style-type: none"> <li>• In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician.</li> <li>• In case of skin contact, wash skin thoroughly with soap and water.</li> <li>• If this oil is swallowed, do not induce vomiting. Consult with a physician immediately.</li> </ul>
<b>Disposal of Used Oil and Containers</b>	<ul style="list-style-type: none"> <li>• Do not apply pressure to empty containers. The containers may burst if pressure is applied.</li> <li>• Do not weld, heat, drill, or cut the containers. The remaining oil may ignite and the containers may explode.</li> <li>• Follow all applicable laws and regulations when disposing of used oil or containers. If you are unsure of the proper disposal methods, consult first with the seller of the oil.</li> </ul>
<b>Storage Method</b>	<ul style="list-style-type: none"> <li>• Seal the container tightly after use in order to prevent dirt, moisture, etc., from entering the oil. Store in a dark location. Avoid direct sunlight.</li> </ul>
<b>PL-5</b>	<ul style="list-style-type: none"> <li>• AUT-0050-0412</li> </ul>