

PRODUCT DATA SHEET

ENEOS ECO-ATF

DESCRIPTION

ENEOS ECO-ATF is a fuel efficient, low viscosity automatic transmission fluid that meets many of the ATF needs for Toyota, Honda, Nissan, Mitsubishi, Hyundai/Kia, GM and Ford vehicles today. ENEOS ECO-ATF contains premium base stocks and a low-molecular weight VI improver. The base oil provides improved oxidative and thermal stability. The additive chemistry provides high resistance to mechanical shear and fatigue. ENEOS ECO-ATF was developed using technology to improve fuel economy in automatic transmissions. Using ENEOS ECO-ATF will help reduce energy loss from oil churning in the torque converter and reduce drag resistance in the shift clutch without compromising fatigue prevention or anti-wear performance.

APPLICATION

ENEOS ECO-ATF is compatible with ALL Japanese vehicles equipped with torque converter automatic transmissions (excluding CVTs). This includes conventional 4-speed slip-lock-up ATs, 5- and 6-speed automatic transmissions. ENEOS ECO-ATF is compatible with all types of rubber, nylon and resin materials used for mechanical parts (seals, gaskets, friction materials, etc.) typically found in automatic transmissions.

ENEOS ECO-ATF is compatible with transmissions requiring Toyota T-IV and WS, Honda Z1 and DW1, Nissan Matic J and S, Mitsubishi/Hyundai/Kia SP-III, GM Dexron III, Ford Mercon and others. (not compatible with CVTs and ATs requiring Ford Type F.)

TYPICAL PROPERTIES

PRODUCT		ECO-ATF	
Appearance		Red	
Density (15°C) g/cm ³	D4052	0.849	
Flash point (COC) °C	D92	220	
Kinematic viscosity			
(40°C) mm ² /s	D445	27.67	
(100°C) mm ² /s	D445	5.73	
Viscosity index	D2270	155	
Brookfield viscosity (-40°C) mPa-s	D2983	16,400	
Pour point °C	D97	-47	
TAN mgKOH/g	D664	1.34	
TBN (HCl method) mgKOH/g	D4739	1.93	
Copper strip corrosion (100°C, 3 h)	D130	1b	
Aniline point °C	D661	112	
Foaming prevention, ml/ml	Seq. I	D892	0/0
	Seq. II	D892	20/0
	Seq. III	D892	0/0

Revised 10/14

 **ENEOS** is the corporate brand name of JX Nippon Oil & Energy Corporation, the largest oil company in Japan. ENEOS brand motor oil is developed to exceed the highest standards of the automotive industry. ENEOS product ranges from motor oil that offers optimal performance protection under the most extreme temperature variations, to ecologically friendly motor oil that provides superior fuel saving capacity. For more information please visit www.eneos.us.