

Samic Auto Trans ATF DXIII

High performance Automatic Transmission Oil

Product Data Sheet



Product Description

Samic Auto Trans ATF DXIII is an extra high performance automatic transmission oil, formulated with high quality hydro-treated base stocks, shear stable viscosity index improvers and advanced additive system including viscosity index improvers, antioxidants, and defoamers providing smooth and controlled friction/wear characteristics, to meet or exceed the requirements of Ford Mercon and General Motors for Dexron III specification. Suitable for passenger cars and commercial automatic transmissions, for use in applications like power steering systems, hydraulics and some manual transmissions where automatic transmission fluid is specified.

Performance & Customer Benefits

- Optimum frictional characteristics due to presence of friction modifiers, helps in smooth and fuel-efficient gear shifting and torque transfer.
- High shear stable viscosity index improvers resist easy break down under high shear conditions in transmissions, thus ensuring the oil film thickness to continue protecting the moving components.
- Good compatibility with various seal materials found in transmission system.
- Excellent low temperature pumpability and circulation, to ensure good cold start performance.
- Outstanding oxidation & thermal stability prevents acid formation, deposit build up & oil thickening.
- Outstanding wear protection due to presence of EP additive helps in reducing wear and extending the life of transmission parts under all service conditions.

Specifications & Recommendations

Samic Auto Trans ATF DXIII meets or exceeds following International and Builder specifications:

- GM Dexron III, Type A & Ford Mercon
- Allison C-4 & CAT TO-2
- Voith Turbo 55.6335 (G607 list) & Volvo 97340
- MB 236.1/5/6/7/9
- MAN 339 Z1 & V1/ 339 Z2 & V2
- ZF TE-ML 03D/4D/09/11A/11B/14A/17C

Main Application

- Suitable for use in automatic transmissions of car & light trucks and On-highway & Off-highway heavy duty automatic transmissions.
- Suitable for power steering and certain manual transmissions where this type of fluids (Dexron or Mercon fluids) are specified.
- Anti-wear Hydraulic applications in most of mobile, Industrial and Marine equipment.

Typical Physical Characteristics

Samic Auto Trans ATF	Test Method	Units	DX III
Color	Visual	-	Red
Density @ 15 °C	ASTM D 4052	gm/cc	0.856
Viscosity @ 100 °C	ASTM D 445	cSt	7.4
Viscosity @ 40 °C	ASTM D 445	cSt	35.8
Viscosity Index	ASTM D 2270	-	178
Pour Point	ASTM D 97	°C	-51
Flash Point (COC)	ASTM D 92	°C	198

The above figures are typical of blends with normal production tolerance and do not constitute a specification.