



Automatic Transmission Fluids

Specially formulated to provide extended transmission life

General Description

Allied Automatic Transmission Fluids are specially formulated to meet the protection and performance needs of over 90% of the car and light truck automatic transmissions on the road today, as well as some key off-road equipment.

Overview

Allied Automatic Transmission Fluids exclusively utilize specifically selected base stocks for the application and OEM license requirements. These 100% virgin base stocks offer better friction retention, superior thermal and oxidative stability and outstanding low and high temperature properties as required by specific applications.

They also contain a technologically advanced and field proven ATF additive systems to provide superior protection against component wear and extend transmission life. They provide optimum frictional characteristics for smooth transmission operation.

FEATURES

Utilize specifically selected 100% virgin base stocks for optimum performance in the transmission applications for DEXRON® IIIH, MERCON®, DEXRON® II and Ford Type F

Utilizes the a technologically advanced ATF additive system

BENEFITS

- Superior thermal and oxidative stability prevents deposit formation and fluid thickening
- Extended range high and low temperature properties maintain proper oil flow and viscosity for desired shift feel and outstanding wear protection under all operating conditions
- Excellent viscosity retention
- Exceptional anti-wear properties ensure long transmission life
- Optimum frictional properties for smooth transmission operation

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact your Allied Sales Representative.

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Allied Multi-Purpose Automatic Transmission Fluid satisfies the warranty requirements in vehicles and equipment calling for the use of fluids meeting the performance requirements of the following:

- DEXRON-IIIH/MERCON®, DEXRON®-II or IIE, IIIG
- Allison C3, C4 torque fluid
- Caterpillar TO-2
- Ford M2C138-CJ & M2C166-H

Allied Type F Automatic Transmission Fluid is recommended for older (before 1977) Ford transmissions that do not require MERCON® or DEXRON® fluids. Meets Ford M2C33-F specification for high static friction fluid and all warranty requirements for transmissions recommending a Type F fluid. Also meets requirements for:

- JI Case MS 1213
- John Deere J21D
- Allison C3, C4

Typical Properties:

PROPERTY	METHOD	MP ATF	Type F ATF
Gravity, °API	ASTM D287	33.03	32.67
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.86	0.8619
Viscosity @ 40°C cSt	ASTM D445	36.34	38.11
Viscosity @ 100°C cSt	ASTM D445	7.273	7.47
Viscosity Index	ASTM D2270	170	167
Pour Point °C (°F)	ASTM D5950	-51°C (-60°F)	-51°C (-60°F)
Brookfield Viscosity at -40°C, cP	ASTM D2983	17,000	37,000
Color	ASTM D 1500	1.5	Red
Copper Strip Corrosion (3 hrs@100°C)	ASTM D 130	1B	
Rust Protection	ASTM D 665A	Pass	
Hydrolytic Stability Test	ASTM D 2619	Pass	
Foam Test	ASTM D 892	<100/0 ml	
Sundstrand Axial Piston Pump	Sundstrand Procedure	Pass	
CLAIMS INFORMATION	MP ATF	Type F ATF	
	DEXRON®	Type F	
	DEXRON® II		
	DEXRON® III		
	MERCON®		
	GM 9985010		
	Ford M2C195-A		
	Chrysler MS-5931		

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