



PENNZOIL[®] AUTOMATIC TRANSMISSION FLUID

A Quality Multi-Functional Fluid For Automatic And Powershift Transmissions suitable for use in vehicles previously serviceable by DEXRON[®]-III/MERCON[®] brands

PRODUCT DESCRIPTION

PENNZOIL[®] AUTOMATIC TRANSMISSION FLUID is a new generation petroleum based fluid for automatic and powershift transmissions and is suitable for use in vehicles that require DEXRON[®]-III/MERCON[®] fluids. In addition, PENNZOIL[®] AUTOMATIC TRANSMISSION FLUID is an approved Allison C-4 fluid and is qualified as a Caterpillar TO-2 lubricant.

To meet the lubrication demands of specialized equipment design, Pennzoil incorporated a "new generation" complex additive system in PENNZOIL[®] AUTOMATIC TRANSMISSION FLUID. Specially selected friction modifiers allow friction retention for long life performance. Enhanced oxidation, thermal stability and corrosion resistance insure long mileage component protection. In addition, the anti-wear protection of PENNZOIL[®] AUTOMATIC TRANSMISSION FLUID has been improved to exceed the most demanding requirements of hydraulic pump manufacturers.

APPLICATION

PENNZOIL[®] AUTOMATIC TRANSMISSION FLUID is a multi-functional fluid which is suitable for use in vehicles previously serviceable by the following applications:

- General Motors DEXRON[®]-III (H)
- Ford MERCON[®]
- Allison Type C-4

PENNZOIL[®] AUTOMATIC TRANSMISSION FLUID provides superior wear protection for all passenger cars and light trucks requiring the use of a Type A or Type A Suffix A, DEXRON[®], DEXRON[®]-II, DEXRON[®]-IIE, DEXRON[®]-III or MERCON[®] Automatic Transmission Fluid. It is also applicable in certain transmissions found in General Motors, Ford (other than or Type F fluids), Chrysler, American Motors, Nissan, Honda, VW, Subaru, Mitsubishi, Isuzu, Toyota, Fiat, Audi, Alfa Romeo, Renault, Porsche and Mercedes Benz.

PENNZOIL[®] AUTOMATIC TRANSMISSION FLUID can be used in passenger cars, trucks and buses, off-highway construction/mining equipment, agricultural equipment, mobile hydraulic systems, industrial machinery, and power steering systems which require DEXRON[®], DEXRON[®]-II, DEXRON[®]-IIE, OR DEXRON[®]-III H fluids.

BENEFITS

- Excellent friction, oxidation and thermal stability
- Outstanding anti-wear performance
- Improved hydrolytic stability
- Better cold temperature flow properties than SAE 10W motor oil
- Protects components from harmful attack by corrosive acids
- Excellent compatibility with seal materials
- Outstanding hydraulic pump performance
- Year-round performance
- Multi-functional fluid - reduces inventory
- Assures long equipment life

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES
PENNZOIL[®] AUTOMATIC TRANSMISSION FLUID**

TEST	METHOD	TYPICAL RESULTS
Gravity, °API	ASTM D-287	32.5
Specific Gravity @ 60°F(15.6°C)	ASTM D-287	0.8780
Pounds per Gallon		7.25
Flash Point, °C(°F)	ASTM D-92	204(399)
Fire Point, °C(°F)	ASTM D-92	224(435)
Pour Point, °C(°F)	ASTM D-97	-57(-71)
Color		Red
Viscosity		
@ 40°C, cSt	ASTM D-445	34.35
@ 100°C, cSt	ASTM D-445	7.23
@ 100°F, SUS	ASTM D-445 & D-2161	161.1
@ 210°F, SUS	ASTM D-445 & D-2161	49.9
Viscosity Index	ASTM D-2270	182
Brookfield Viscosity @ -40°C, cP	ASTM D-2983	17,200
Dielectric Strength, kV	ASTM D-877	35
Sundstrand Axial Piston Pump Test	Sundstrand Procedure	Excellent Pass
Rust Protection	ASTM D-665A	Pass (No Rust)
Hydrolytic Stability Test	ASTM D-2619	Excellent Pass
Foam Test	ASTM D-892-74	No Foam (0-0-0)
Copper Strip Corrosion (3 hrs @ 100°C)	ASTM D-130	1b
Material Number		
Bulk		3310