



DEXRON®-III MERCON® AUTOMATIC TRANSMISSION FLUID

pz6-01.00

A Superior Quality Multi-Functional Fluid For Automatic And Powershift Transmissions

PRODUCT DESCRIPTION

PENNZOIL® DEXRON®-III MERCON® is a new generation petroleum based fluid for automatic and powershift transmissions. It is fully qualified as both a DEXRON®-III and MERCON® lubricant surpassing General Motors specification 6297-M and Ford specification M2C185A. In addition, PENNZOIL® DEXRON®-III MERCON® 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® DEXRON®-III MERCON®. 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® DEXRON®-III MERCON® has been improved to exceed the most demanding requirements of hydraulic pump manufacturers.

APPLICATION

PENNZOIL® DEXRON®-III MERCON® is especially formulated to meet the viscosity and frictional requirements of a DexronDEXRON®-III fluid. It is a multi-functional fluid that meets or exceeds the following performance requirements or manufacturers' specifications:

- DEXRON®-III (GM 6297-M)
- Caterpillar TO-2
- MERCON® (Ford M2C185A)
- Sundstrand Hydrostatic Transmissions
- Allison Type C-4

PENNZOIL® DEXRON®-III MERCON® is suitable for use in applications requiring Ford M2C138CJ and Ford Type H fluids.

PENNZOIL® DEXRON®-III MERCON® is recommended for mobile equipment used by utility companies which require electrical insulating properties for hydraulic oils. PENNZOIL® DEXRON®-III MERCON® has a dielectric strength of 35kV.

PENNZOIL® DEXRON®-III MERCON® 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 -- General Motors, Ford (other than M2C33F or Type F fluids), Chrysler, American Motors, Nissan, Honda, VW, Subaru, Mitsubishi, Isuzu, Toyota, Fiat, Audi, Alfa Romeo, Renault, Porsche and Mercedes Benz.

PENNZOIL® DEXRON®-III MERCON® 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 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® DEXRON®-III MERCON® 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	195
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
12 x 946 ml	-	2017
19 L	-	3319
208 L	-	3316