



DEXRON®-III MERCON® AUTOMATIC TRANSMISSION FLUID

A 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 DEXRON®-III fluid. It is a multi-functional fluid which meets or exceeds the following performance requirements or manufacturers' specifications:

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

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 | 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 |