

Automatic Transmission Fluid



Product Description

PennGrade ATF is an automatic transmission fluid (ATF) that meets on-highway performance requirements for Dexron® III H, Allison Type C-4 and Ford Mercon®. It offers excellent corrosion resistance to all types of metals used in transmissions and hydraulic systems, plus provides superior friction retention and thermal and oxidation stability. **PennGrade ATF** can be used in a broad variety of multi-vehicle applications found in on- and off-highway service as well as marine and industrial applications.

Features and Benefits

- Friction modifiers control lock-up rates of clutch packs for proper transmission shifting characteristics and efficient power transfer.
- Controls seal deterioration to limit fluid leakage.
- Specially formulated for extra wear control and rust protection for longer equipment life.
- Special detergent/dispersant additives limit formation of sludge and varnish deposits which interfere with proper transmission operation.
- Multigrade for optimum performance during cold starts and high temperature operations.
- Formulated to be compatible with metallurgy used in most modern transmissions and high pressure hydraulic systems.
- Provides excellent antiwear protection for hydraulic pumps and power steering systems.

Typical Applications

Transmissions requiring:

Dexron® III H
Dexron® III G
Dexron® II D
Allison C-4
Allison TES-389B
Domestic and imported passenger cars and light trucks
GMC
Ford Mercon®

Type A suffix A (TASA)
Mercedes Benz in North America
Voith
Volvo 37325

NOTE: **PennGrade ATF** does NOT meet Dexron VI, Mercon LV, Mercon SP or Mercon V requirements.

Dexron is a trademark of General Motors Inc.
Mercon is a trademark of the Ford Motor Company.

NOTE: ATF recommendations may vary between models from a manufacturer. Please consult the owners manual for the correct fluid recommendations.

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Typical Properties

PennGrade Automatic Transmission Fluid Typical Properties		
Test	Method	
Viscosity @210 °F, SUS	ASTM D445	50.8
Viscosity @100 °F, SUS	ASTM D445	175
Viscosity @100 °C, cSt	ASTM D445	7.16
Viscosity @40 °C, cSt	ASTM D445	32.7
Viscosity Index	ASTM D2270	191
Flash Point °F	ASTM D92	395
°C	ASTM D92	202
Pour Point °F	ASTM D96	-40
°C	ASTM D96	-40
API Gravity, 60 °F	ASTM D287	33.8
Bag-in-a-Box Part Number:	6 US Gallons	54505

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