

PennGrade® Low Viscosity Automatic Transmission Fluid



Product Description

PennGrade® Low Viscosity ATF is a low viscosity, fully synthetic, automatic transmission fluid that supports performance requirements of today's newer automatic transmissions, including General Motors, Honda, Hyundai, Ford, Kia, Mitsubishi, Nissan, Saab, Toyota, Volkswagen and others.

PennGrade® Low Viscosity ATF is suitable for severe service applications (up to 50,000 miles) and for extended drain intervals in normal service applications (up to 100,000 miles). It offers excellent corrosion resistance to all types of metals used in transmissions, plus provides superior friction retention and thermal and oxidation stability. **PennGrade® Low Viscosity 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.

Product 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.

Specifically 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.

Multi-grade for optimum performance during cold starts and high temperature operations, including start/stop severe service.

Formulated to be compatible with the metallurgy used in most modern transmissions.

Provides efficient heat removal from clutch surfaces to extend clutch life and reduce clutch shudder in modulated torque converters.

Full synthetic for longer fluid life and faster oil flow in low temperature operation.

Typical Applications

Supports the performance requirements of:

Aisin Warner 3324	Honda Type 3.0	MB 236.17
Aisin Warner AW-1	Honda ATF DW-1	Mitsubishi ATF J2
Audi/VW TL 052 162-X	Hyundai/KIA SP-IV	Mitsubishi SP-IV
Audi/VW TL 052 162-Y	Hyundai/KIA SP-IV-RR	Mitsubishi Dia Queen ATF J3
Audi/VW TL 052 540-B	Hyundai/KIA NWS 9638	Mitsubishi Dia Queen ATF-PA
BMW 83 22 0 142 516	Hyundai/KIA SP-IV M	Nissan Matic S
BMW 83 22 2 289 720 (ATF+3)	Hyundai/KIA SPH-IV	Nissan Matic W
BMW 83 22 0 397 114	Isuzu SCS	North American Low Viscosity ATF
DSIH 6p805	Jaguar Fluid 8432	Saab 93 165 147
Dexron® VI	JASO 1-A-LV	Toyota WS (JWS 3324)
Ford Mercon® LV	MB 236.12	Volvo AT102 (P/N 97342)
Ford Mercon® SP	MB 236.14	VW G-055-540
FCA Mopar SP-IV ATF	MB 236.15	ZF LifeGuard Fluid 6
GM WS-ATF	MB 236.16	ZF LifeGuard Fluid 6+

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Mercon® is a trademark of the Ford Motor Company.

NOTE: ATF recommendations may vary between models from manufacturer. Please consult the owner's manual for the correct fluid recommendations.

Typical Properties

SAE Viscosity Grade	J300	
Viscosity @ 100°C, cSt	ASTM D445	5.80
@ 40°C, cSt	ASTM D445	28.4
Viscosity Index	ASTM D2270	155
Pour Point, °F (°C)	ASTM D97	-52 (-46)
Flash Point, °F (°C)	ASTM D92	380 (193)
API Gravity	ASTM D4052	33.9

D-A Part Number:

Bag-in-a-box – 6 Gal

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