

Motosel ATF TO-2

AUTOMATIC TRANSMISSION FLUID

Motosel Full Synthetic Automatic Transmission Fluid

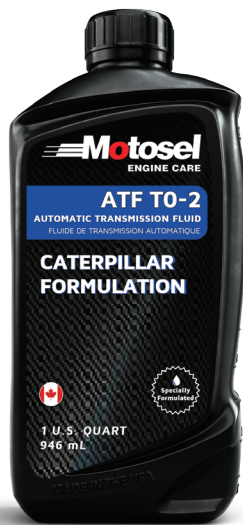
is formulated to meet the stringent specifications of Caterpillar CAT TO-2. It provides extreme protection including additional oxidation control, excellent low temperature and superior shear stability performance in modern passenger car, flex-fuel vehicle, hybrid, truck, and sport utility vehicle transmissions. It is suitable for use in automatic transmissions calling for GM DEXRON® II/III/III-E/IIIIH, Allison C-3 & C-4, Ford MERCON®LV, Honda Z-1, DW-1, Hyundai/Kia SP-II/III/IV, JASO 1A, 2A, Nissan Matic Fluids, Toyota T-III, T-IV, WS, and many other American, Asian and European OEM's performance standards including Mercedes Benz NAG 1, MAN 339A, Mazda, Mitsubishi, Subaru, Porsche, Voith 55.6335, VW, ZF TE-ML 21L, ZF 8 & 9 speed and BMW 4- and 5-speed automatic transmission specifications.

Benefits and Applications

- Full synthetic maximum corrosion, wear, and rust protection
- Outstanding low temperature flow properties
- Enhanced friction additives and oxidation stability for longer fluid life
- Smooth shifting and reduce shudder performance
- High compatibility - suitable for use in most applications

Caterpillar Formulation:

for applications where BMW JWS 3309 (T-IV), LA2634, LT71141 (ZF 5 HP 18FL/19FL/24A), BMW ZF 5HP18FL, 5HP24, 5HP30, BMW 7045E, ETL 8072B, MINI, and Bosch TE-ML 09 specifications are recommended.



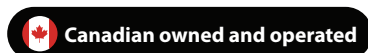
#4009M / 1Qt
#M-0275 / 5Gal
#M-0279 / 22.7L
#M-0276 / 55Gal
#M-0278 / Bulk

TYPICAL CHARACTERISTICS - ATF TO-2

SAE GRADE	TEST METHOD	TO-2
Colour	Visual	Red
Viscosity @ 100°C, cSt	ASTMD 445	7.0
Viscosity @ 40°C, cSt	ASTMD 445	32.9
Viscosity Index	ASTMD 2270	180
Pour Point, °C/°F	ASTMD 97	-51/-59.8
Flash Point, COC °C/°F	ASTMD 92	204 / 399.2
API Gravity	ASTMD 1298	32.6
Brookfield Vis.cP @ -40°C	ASTMD 2983	16200

Typical test data are average values only. Minor variations, which do not affect performance, may occur. You should consult your owner's manual to verify proper fluid recommendation for your particular vehicle.

HANDLING AND SAFETY INFORMATION - Refer to MOTOSEL (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.



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