

CITGO QUATRASYN® SYNTHETIC TRANSMISSION FLUID



Date 01/18

DESCRIPTION: CITGO QuatraSyn Synthetic Transmission Fluid is a full synthetic, multipurpose heavy duty automatic transmission fluid. It is approved for Voith 55.6335 and can be used in applications for buses and commercial vehicles calling for ZF TE-ML 14A and 14B. This product can be used in General Motors transmissions calling for DEXRON® -III, DEXRON -IIE and DEXRON -II fluids. It can also be used in Ford transmissions calling for MERCON® type ATFs and where JASO-1A is required. QuatraSyn is engineered to offer extended service internals and remain stable under extremely severe operating conditions.

QUALITIES: CITGO QuatraSyn Synthetic Transmission Fluid is engineered with a proprietary combination of synthetic Group IV and Group V synthetic base oils and high performance additive technology. The unique synthetic formula offers performance benefits that can extend the life of key transmission components, compared with conventional fluids. CITGO QuatraSyn Synthetic Transmission Fluid is built without viscosity modifiers that can shear resulting in viscosity breakdown and loss of power transfer efficiency. CITGO QuatraSyn Synthetic Transmission Fluid provides excellent deposit control and reduces the tendency of fluid breakdown that leads to clutch plate glazing resulting in loss of clutch plate friction control. CITGO QuatraSyn Synthetic Transmission Fluid also provides wide temperature range performance and year around capability.

CITGO QuatraSyn Synthetic Transmission Fluid provides:

- Extended drain and filter change intervals resulting in reduced oil disposal cost.
- Outstanding low temperature performance.
- Excellent thermal and oxidation stability resulting in better transmission performance through a reduction in sludge and deposit formation.
- Shear stability and viscosity retention since it contains NO viscosity modifiers.
- Optimized traction coefficients which can provide increased fuel economy.
- Fortified with seal conditioners to reduce the tendency for leakage after extended service.

APPLICATIONS: **CITGO QuatraSyn Synthetic Transmission Fluid is intended for use in the following universal powershift and automatic transmission applications:**

- School Buses and Vans
- Refuse Fleets
- Commercial Trucks and Vehicles
- Motor Homes
- Emergency Vehicles
- Inter/Intracity Buses
- Light Duty Pickup Trucks and Passenger Cars
- Recommended for use in automatic transmission applications where C-4 fluid is specified
- ZF Ecomat transmissions
- Voith DIWA Transmissions

Always consult your owner's manual for proper fluid recommendations and warranty requirements. QuatraSyn is not an Allison approved fluid.

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TYPICAL PROPERTIES:

CITGO QUATRASYN® SYNTHETIC TRANSMISSION FLUID

Material Code	632493001
Gravity, ASTM D237, °API	37.1
Specific Gravity, D4052	0.839
Density, lb/gal	6.99
Color	Red
Flash Point ASTM D92, °F (°C)	402 (206)
Viscosity ASTM D445,	
cSt at 100°C	7.25
cSt at 40°C	36.5
Viscosity Index	171
Brookfield Viscosity ASTM D2983	
cP at -40°C	8,200
cP at -20°C	1,025
Pour Point ASTM D97, °F (°C)	<-87 (<-66)
Total Acid Number, ASTM D664, mg KOH/gm	1.03
4-Ball Wear, ASTM D4172	0.48
40kg, 1200 rpm, 1 hour,	
Cold Cranking Simulator, ASTM D5293, cP at -30°C	2260

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