

CITGO QUATRASYN® SYNTHETIC TRANSMISSION FLUID



Date 04/18

DESCRIPTION: CITGO QuatraSyn Synthetic Transmission Fluid is a full synthetic, multipurpose heavy duty transmission fluid designed for use in a variety of automatic transmission applications and is engineered for severe duty service. CITGO QuatraSyn Synthetic Transmission Fluid improves maintenance efficiency by extending transmission life, resulting in reduced downtime and lower repair costs. QuatraSyn full synthetic technology also has the capability of extending the fluid service life compared to conventional transmission fluids. CITGO QuatraSyn Synthetic Transmission Fluid has a long history of proven performance by having been field tested in buses, refuse vehicles, construction material trucks, trailers and vehicles operating in stop and go conditions. CITGO QuatraSyn Synthetic Transmission Fluid is recommended for use in automatic transmission applications where TES-295 fluid is specified. CITGO QuatraSyn Synthetic Transmission Fluid is not an Allison approved fluid.

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.

APPLICATIONS: **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.

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
- On/Off-Highway 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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Date 04/18 - (Continued)

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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