### OVERVIEW
- Fully synthetic, multipurpose heavy duty transmission fluid engineered for severe-duty service and designed for use in a variety of automatic transmission applications.
- A long history of proven performance: field tested in buses and proven for use in refuse vehicles, construction material trucks, trailers, and vehicles operating in stop-and-go conditions.

### FEATURES & BENEFITS
- Unique synthetic formula with high-performance additive technology can extend fluid service life and life of key transmission components, versus conventional fluids.
- Improves maintenance efficiency by extending transmission life, resulting in reduced downtime and lower repair costs.
- Extended drain and filter change intervals result in reduced oil disposal cost; seal conditioners reduce tendency for leakage after extended service.
- Excellent deposit control reduces the tendency of fluid breakdown that leads to clutch plate glazing and results in loss of clutch plate friction control.
- Outstanding performance across a wide temperature range provides year-round capability.
- Excellent thermal and oxidation stability reduce sludge and deposit formation.
- Excellent shear stability and viscosity retention.
- Optimized traction coefficients can increase fuel economy.

### APPLICATIONS
- Recommended for use in automatic transmission applications where TES-295 fluid is specified.
- Refer to equipment owner’s manual for proper lubricant recommendation and warranty requirements. QuatraSyn is not an Allison-approved fluid.
CITGO QuatraSyn Synthetic Transmission Fluid has OEM Approval for the following:

- MAN - 339 V1
- MAN - 339 Z2
- Mercedes - MB 236.9
- VOITH – H55.6335.XX (G607)
- ZF TE-ML 04D; 14A; 14B; 16L;17C and 20B
- VOLVO – 97341
- JASO – Approved 1A, M315-2004
- VOITH North America Service Bulletins #013 and 018

CITGO QuatraSyn Synthetic Transmission Fluid is suitable for use in where the following products are recommended:

- Allison TES-295, TES-468 (Not suitable for use in California.)
- Allison C-4
- Mercedes - MB 236.5; 6; 7; 10; 11; ATF 3403 M-115
- ZF TE-ML – 03D
- BMW – LT71141; 2634; ETL-7045E; -8027B
- Chrysler – ATF +3
- Ford – M; MV
- GM – III(H)
- HMC/KIA – SP-II; SP-III
- Honda – ATF Z1
- Jaguar – Idemitsu K17
- Land Rover – Texaco N402
- Mazda – ATF M-III; ATF M-V
- Nissan – Matik J; Matik K
- Subaru – ATF; ATF HP
- Toyota – T-III; T-IV; JWS 3309
- VW/AUDI – G 052 025 (09M); G 052 990 (09A)

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
Typical Properties for CITGO QuatraSyn Synthetic Transmission Fluid:

<table>
<thead>
<tr>
<th>Material Code</th>
<th>632493001</th>
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<tbody>
<tr>
<td>Gravity, ASTM D237, °API</td>
<td>35.3</td>
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<tr>
<td>Specific Gravity, D4052</td>
<td>0.848</td>
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<tr>
<td>Density, lb/gal</td>
<td>7.07</td>
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<tr>
<td>Color</td>
<td>Red</td>
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<tr>
<td>Flash Point ASTM D92, °F (°C)</td>
<td>400 (204)</td>
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<tr>
<td>Viscosity ASTM D445</td>
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<tr>
<td>cSt at 100°C</td>
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<tr>
<td>cSt at 40°C</td>
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<tr>
<td>Viscosity Index</td>
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<tr>
<td>Brookfield Viscosity ASTM D2983</td>
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<tr>
<td>cP at -40°C</td>
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<tr>
<td>cP at -20°C</td>
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<td>Pour Point ASTM D97, °F (°C)</td>
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<td>Total Acid Number, ASTM D664, mg KOH/gm</td>
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<tr>
<td>4-Ball Wear, ASTM D4172</td>
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<tr>
<td>40kg, 1200 rpm, 1 hour,</td>
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<tr>
<td>Cold Cranking Simulator, ASTM D5293, cP at -30°C</td>
<td>2680</td>
</tr>
</tbody>
</table>

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