



9U-9822 Caterpillar 793C Transmission Rebuilt by Ricky McPhee.  
Removed from Truck TR441 (ATY00743) at 100,746 frame hours.  
Transmission had 1,960 hours.

Reassembly carried out following assembly procedures **REN2534-14.**

Rebuild completed Oct 2021.  
Parts purchased from Westrac Jan 2021  
Bearing Kit 466-2344 – \$8,241.11 + GST  
Gasket Kit 223-1101 – \$3,646.74 + GST  
Successful Dyno Sept 2023  
Coils & ID Tag Replaced Dec 2023

[illegible]



## Teardown Process

The transmission was stripped down and components inspected for wear, damage and reusability.

Transmission housing removed exposing clutch packs



Tranny tree full of plates and discs

## Planetary Gears

Planetary gear sets inspected and confirmed no missing hard facing, no signs of chattering, no cracking and no signs of early wear. All thrust washers and bearings replaced



## Hydraulic Control Valve's



Hydraulic control valve assembled and installed

The Valves were completely stripped, thoroughly inspected, resealed and assembled to Caterpillar specifications.



Selector valve removed prior to disassembly.



### Recommendations

- Use **Caterpillar-specified oils & lubricants.**
- Perform **SOS sampling @ 100 hours Initially** and every **250 hours**; share reports with **[ricky@mcphreediesel.com](mailto:ricky@mcphreediesel.com).**
- Provide current frame hours, previous component hours and reason for change out.
- Provide evidence of installation method and preparation for new component (Timesheets, Shift Logs, Detailed invoice etc).
- Provide a **Product Status Report** at installation.

### Warranty Note

For warranty purposes, please follow McPhee Diesel's Standard Warranty Terms and the Warranty Activation Checklist (separate documents)