

Invoice details

Invoice no.: 3197

Terms: Net 30

Invoice date: 03/29/2026

Due date: 04/28/2026

Make Model: Cat D6N

Equipment/Serial#: NJN00143

SMU: 4165

#	Date	Product or service	Description
1.		Services- Shop	<p>Complaint: Inspect Machine Cause: Recently purchased machine Correction: Removed bottom guards, floor mats, and floor plate. Inspected machine.</p> <p>1- 1st Speed is slipping, checked clutch pressure and it is in spec. 2- T8 Cylinder is leaking and loose at push arm. 3- RH Cab door latch is froze up. 4- Large fuel leak near fuel rail. 5- Seat won't raise or stay in position. 6- Rear bottom guard is missing. 6- Wipers are all missing. 7- Left door glass is cracked. 8- Hydraulic accumulator is no longer charged. 9- Rear guard latch is froze up. 10- Alternator is locked up and belt is gone. 11- HVAC fan is noisy. 12- Center joint for push arms is worn. 13- Powertrain cooler hoses have been cut and looped to bypass leaking PT Cooler. 14- Seals deteriorated for both recoil tubes and frames are not holding oil. 15- Front Right bottom roller failed. 16- Left Final Drive leaking. 17- Large amount of corrosion throughout the machine. 18- Track rails are dry and beginning to fail.</p>
2.		Services- Shop	<p>Complaint: Repair Fuel Leak Cause: Return tube from HP fuel rail relief is leaking. Correction: Removed components from the left side of the engine to access return tube. Removed tube and stem broke off from rail</p>

pressure relief valve. Ordered new relief. Installed new relief valve and new fuel tube. Assembled engine and operated to check for leaks.

Services- Shop

Complaint: R&I Transmission
Cause: 1st Speed Slipping
Correction: Removed ripper shanks, axles, and PT Filter housing. Drained fuel tank into clean container. Removed driveshaft and drained xsmn fluid. Removed transmission and cleaned out case. Removed suction screen, cleaned, and reinstalled. Installed the repaired transmission and assembled machine. Changed PT filter and filled system w/ new oil. Ran machine and checked for leaks. Began warming up machine to perform calibrations. Hose between pump and PT filter blew under the cab. Found source of leak and ordered hose. Ran transmission calibration after repairing leak. 1st no longer slipping.

4. **Services- Shop**

Complaint: Repair 1st Speed Clutch
Cause: 1st speed slipping.
Correction: Separated bevel gear from the planetary. Removed 1st speed clutch from the stack, all frictions are gone from 1st speed. Checked 2nd speed and they are burnt up as well. Ordered parts needed to repair clutches and install transmission. Cleaned parts. Replaced the frictions and plates for 1st and 2nd speed clutches. Resealed pistons for both speeds. Replaced 1st speed modulation valve. Reinstalled bevel gear housing.

5. **Services- Shop**

Complaint: R&I Alternator
Cause: Alternator is locked up
Correction: Removed alternator, remaining pulleys are turning freely. Ordered belt. Will bring alternator to be repaired at Sheridan Electric. Installed new belt and the repaired alternator.

6. **Services- Shop**

Complaint: Repair Powertrain Oil Leak
Cause: Hose between PT Pump and Filter Inlet Leaking
Correction: Cleaned up mess from blown hose. Removed seat and base plate. Attempted to disconnect hose from PT pump. Flange bolts corroded with limited access, couldn't get bolts out. Decided pt pump will need to be removed and hoses cut instead of removing the steering pump to gain access to corroded pt hose bolts. Cut hoses to pt pump and removed pump. Ordered additional hoses, pump mtg seals and hardware, and flanges for hoses. Cleaned out debris from PT pump and reinstalled. Installed all new hoses to pump.

Ran machine and topped of transmission oil. Checked for leaks and assembled cab.

Parts

Ziegler: Fuel Return Line & Hardware, Fuel Rail Relief Valve, Belt, Transmission-1st & 2nd Speed Clutch Plates & Discs, Clutch Piston Seals, Install Seals & Hardware, Filter, Screen Seals, & Modulation Valve. Transmission Pump- Hoses, Hardware, Flanges, & Mtg Seals.



8.

Services

Sheridan Auto Electric- Alternator Repair

9.

Oil-30W

Transmission Oil



Total

\$14,638.14