

Caterpillar 3406C



Operational History of the Engines

- ❖ The **Caterpillar 3406C engines** were removed from railway trains.
- ❖ These engines were used exclusively to power **onboard generators**, supplying **air conditioning and lighting systems**.
- ❖ During operation, they ran at an **average load of 70%**, ensuring good mechanical preservation.



Work Maintenance on the Engines

- ❖ Full engine treatment including Cat oil and filter replacement.
- ❖ Remove and replace Fuel Injectors plus fuel line's O-rings.
- ❖ Maintenance to main Fuel Pump including advancer.
- ❖ Remove and replace front and rear Oil Seals.
- ❖ Remove and overall, to Fuel Regulator plus adjust idle RPM to 1800.
- ❖ Test load including check form.
- ❖ Performing thorough engine wash and paint repairs.
- ❖ General inspection



Galaxy S23 FE

Engine Dynamometer Test

✓ Industrial removed engine in working condition ✓ DYNO tested

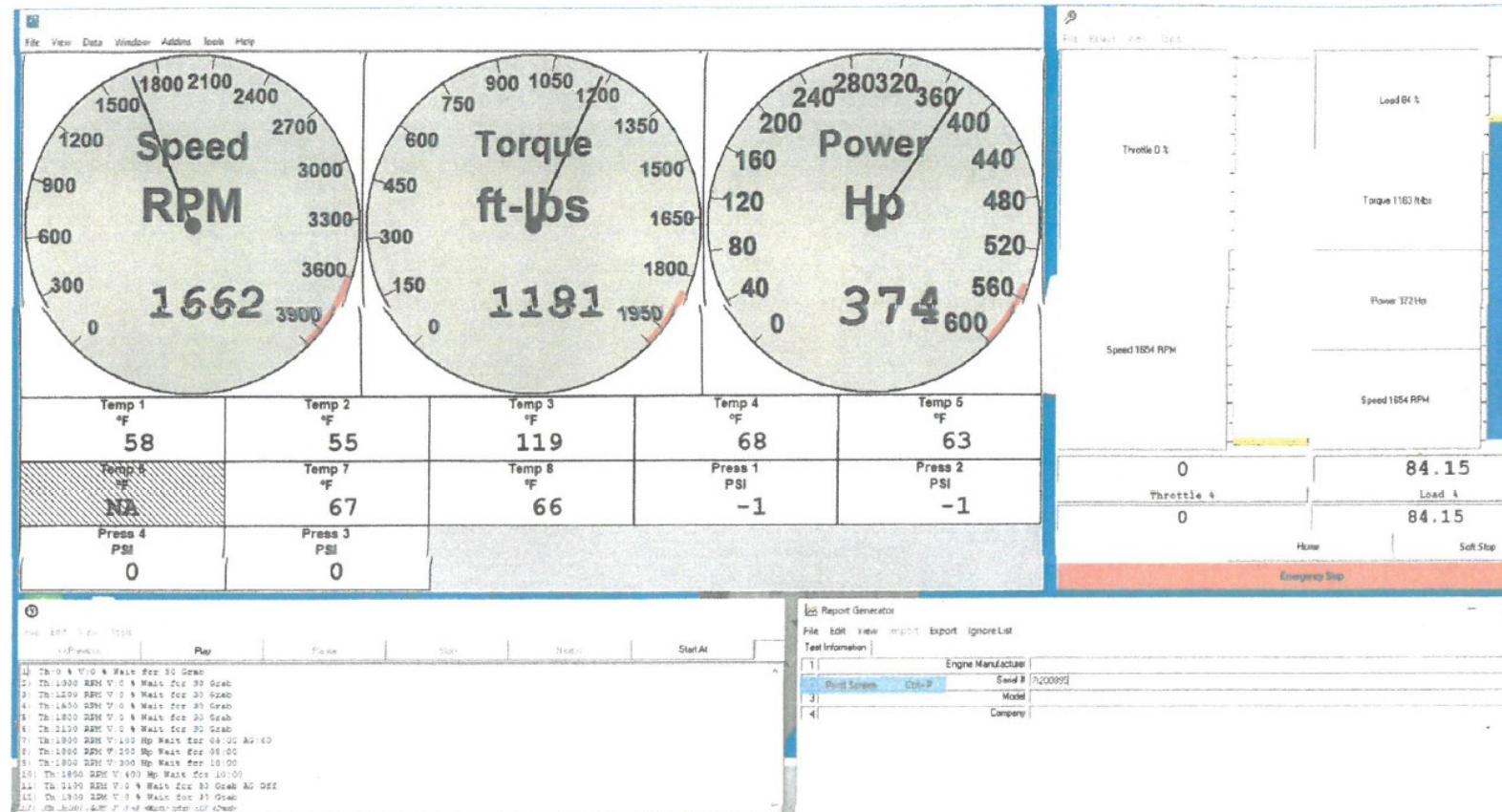
PowerNet

PowerNet WS
www.pwrtst.com



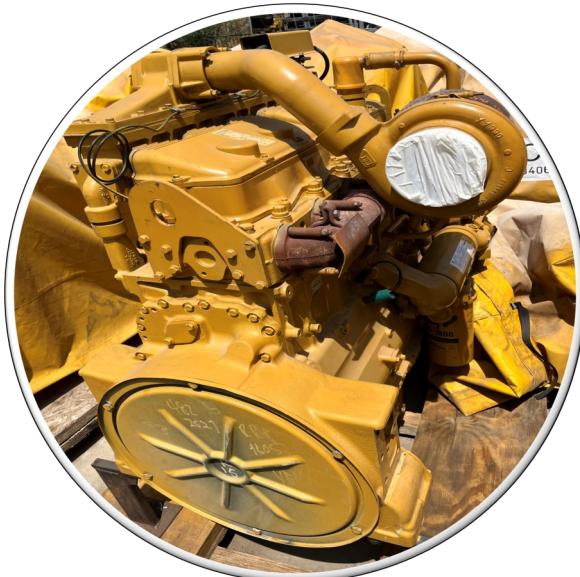
Power Test, Inc.

Sussex, WI - US



Engine Specifications

- ✓ Industrial removed engine in working condition
- ✓ DYNO tested



CAT® ENGINE SPECIFICATIONS

269 kW/360 bhp @ 1800 rpm

I-6, 4-Stroke-Cycle Diesel



Bore.....137.2mm (5.4 in)
Stroke.....165.1mm (6.5 in)
Displacements.....14.64L (893.39 in³)
Aspiration.....Turbocharged / aftercooled
Compression Ratio15.9:1

Rotation (from flywheel end).....Counterclockwise Capacity for Liquids
Cooling System.....20L (5.5 gal)
Lube Oil System (refill).....38.0L (10.0 gal)
Engine Weight, Net Dry (approximate).....1,512kg (3.333lb) aftercooled

Engine Reusability and Versatile Applications

Thanks to their robust construction and history of moderate load operation, these engines remain highly reliable and are suitable for reuse in multiple applications, such as:

- ❖ Generators
- ❖ Drilling machines
- ❖ Crushers and screens
- ❖ Industrial sieves
- ❖ Pumps
- ❖ Hydraulic power units
- ❖ Marine auxiliaries
- ❖ Construction and mining equipment



Engine Reusability and Versatile Applications

Thanks to their robust construction and history of moderate load operation, these engines remain highly reliable and are suitable for reuse in multiple applications, such as:

- ❖ Generators
- ❖ Drilling machines
- ❖ Crushers and screens
- ❖ Industrial sieves
- ❖ Pumps
- ❖ Hydraulic power units
- ❖ Marine auxiliaries
- ❖ Construction and mining equipment



Engine Reusability and Versatile Applications

Thanks to their robust construction and history of moderate load operation, these engines remain highly reliable and are suitable for reuse in multiple applications, such as:

- ❖ Generators
- ❖ Drilling machines
- ❖ Crushers and screens
- ❖ Industrial sieves
- ❖ Pumps
- ❖ Hydraulic power units
- ❖ Marine auxiliaries
- ❖ Construction and mining equipment



Thank you!