



Greening Testing Laboratories, Inc.

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300 Below Inc.
2999 East Parkway Drive
Decatur, IL 62526

Attention: Mr. Randy Prince

Subject: Rotor Wear Comparison Testing

Dear Mr. Prince:

Greening Testing Laboratories recently completed a dynamometer test comparison of two medium truck rotors for the purpose of comparing the pad and rotor wear performance of 300 Below Inc’s cryogenically treated rotors versus production grey iron rotors with no treatment. A standard 1000 stop Driving Cycle Wear Test was performed on each rotor using identical hardware (pads, calipers, fixtures and adaptors). Identical test conditions were used for each test and each rotor was run on the same brake inertia dynamometer. The test conditions, data summary and observations follow:

Test Conditions:

- Brake Tested – Bosch 2X73 Medium Duty Truck Brake
- Friction Material – PFC 65 FF
- Production Rotor – Centric 120.83014
- Treated Rotor – Centric 120.83014 Cryogenically treated by 300 Below
- Test Procedure – 1000 stop Driving cycle wear test

Test Result Summary:

Characteristic	Production Rotor	Cryogenically Treated Production Rotor	Improvement
Pad Wear (Mass loss)	0.371 kg	0.593 kg	60%
Rotor Wear (Mass Loss)	0.002 kg	0.0004 kg	400%

Observations:

- Significantly improved pad wear when tested with the Cryogenically treated rotor
- Significantly improved rotor wear on the Cryogenically rotor when compared with production rotor

Respectfully Submitted

Paul F Aurand