

Test Req #	N/A	NUCAP R&D CENTER Brake Dynamometer Testing	Cust Ref:	DEEMAXX D289
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Test Description

FRICTION BEHAVIOR ON D289

Test Information

Test Requestor:	DEEMAXX COMPONENTS
Requested By:	CHUCK DEEGEAR
Test Procedure:	SAE J2681
Control Program:	W030905
Dynamometer:	3239
Fixture ID:	DEEMAXX AXLE
Test Coordinator:	JACOB
Test Technician:	N/A
Date Started:	09/04/10
Date Completed:	09/07/10
Date Parts Received:	AUGUST 24, 2010
Datalog, Report Version:	2.72, 1.01

Dynamometer Information

Rolling Radius:	14.7 inch	373.0 mm
Required Wheel Load:	3007 lb	1364 kg
Actual Wheel Load:	1844 lb	836 Kg
Gross Axle Wt:	0 lb	0 Kg
Required Inertia:	59.0 slug·ft ²	80.0 Kg·m ²
Actual Inertia:	85.9 slug·ft ²	116.4 Kg·m ²
Piston Diameter:	2.25 inch	57.15 mm
Effective Radius:	4.53 inch	115.00 mm
Number of Pistons:	1	

Brake Information

Brake Name/Type:	N/A
Brake Size:	10.90"
Rotor/Drum ID:	DEEMAXX
Pri/Lead/Inner Lining:	N/A
Sec/Trail/Outer Lining:	N/A
Drum/Rotor Type:	VENTED
Brake Orientation:	Left

Final Comments:

TEST COMPLETED SATISFACTORILY

Signature:		Title:	Date:
		Test Engineer	September 8, 2010