

**VEHICLE EQUIPMENT SAFETY COMMISSION (VESC)
 REGULATION V-3
 MINIMUM REQUIREMENTS AND UNIFORM TEST PROCEDURES
 FOR MOTOR VEHICLE BRAKE LININGS
 BRAKE LINING TEST REPORT**

Manufacturer: Xtender Automotive Corp Distributor: International Motor Products, Inc.
 CHINA USA

Identification Markings: XBP 1-GG

SUMMARY OF RESULTS FROM DATA SHEET

Normal Friction Coefficient = Average of "N" values 0.510
 (Shall be over 0.25) Class **G**

Hot Friction Coefficient = Average of "H" values 0.529
 (Shall be over 0.15) Class **G**

<u>Class Code</u>	<u>Coefficient of Friction</u>
C	Not Over 0.15
D	Over 0.15 But Not Over 0.25
E	Over 0.25 But Not Over 0.35
F	Over 0.35 But Not Over 0.45
G	Over 0.45 But Not Over 0.55
H	Over 0.55

Lowest Coefficient for readings marked (*) 0.480
 (Shall not be less than 0.15)

Maximum absolute variation below average for readings marked (*) 0.016
 (Shall not exceed 0.050 unless percentage variation is 20% or less)

Maximum percentage variation for readings marked (*) exceeding 0.050 below average None

I certify that the above results were obtained on tests conducted in accordance with Vehicle Equipment Safety Commission Regulation V-3 on a five sample lot from the linings submitted by the manufacturer as being representative of those regularly manufactured and marketed by him.

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 Original retained on file at
 Greening Testing Laboratories, Inc.



Date: 28 April 2016

Signature: _____

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**VEHICLE EQUIPMENT SAFETY COMMISSION (VESC)
 REGULATION V-3
 DATA SHEET**

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Test No. Test Date	FRICITION COEFFICIENT (μ)					Average	Maximum Variation Below Average
	M22-514-01 23 Apr 16	M22-514-02 23 Apr 16	M22-514-20 27 Apr 16	M22-514-21 28 Apr 16	M22-514-22 28 Apr 16		
Appl. No.	<u>First Baseline Run</u>						
1	0.51	0.54	0.55	0.57	0.55	0.544	
20	0.58	0.58	0.59	0.57	0.58	0.580	
Temp (°F)	<u>First Fade Run</u>						
200	0.59	0.59	0.60	0.58	0.59	0.590	
550	0.53	0.50	0.53	0.53	0.50	0.518	
Min at 550°F	4.1	4.4	4.0	4.0	4.3		
°F at 10 min	--	--	--	--	--		
Temp. (°F)	<u>First Recovery Run</u>						
500	0.56	0.53	0.56	0.57	0.55	0.554	
400	0.56	0.54	0.55	0.56	0.56	H 0.554	
300	0.54	0.54	0.53	0.55	0.55	H 0.542	
200	0.55	0.54	0.53	0.54	0.52	0.536	
Appl. No.	<u>Wear Run</u>						
1	0.54	0.52	0.53	0.54	0.53	0.532	
100	0.53	0.52	0.53	0.53	0.51	0.524	
Temp. (°F)	<u>Second Fade Run</u>						
200	* 0.48	* 0.48	* 0.48	* 0.48	* 0.48	N 0.480	0.000
250	* 0.52	* 0.51	* 0.52	* 0.51	* 0.51	N 0.514	0.004
300	* 0.51	* 0.52	* 0.54	* 0.52	* 0.51	N 0.520	0.010
400	* 0.52	* 0.52	* 0.55	* 0.52	* 0.52	N 0.526	0.006
450	* 0.52	* 0.53	* 0.55	* 0.52	* 0.52	H 0.528	0.008
500	* 0.54	* 0.53	* 0.56	* 0.52	* 0.53	H 0.536	0.016
550	* 0.53	* 0.52	* 0.55	* 0.52	* 0.53	H 0.530	0.010
600	0.51	0.50	0.55	0.51	0.50	H 0.514	
650	0.50	0.47	0.53	0.49	0.47	H 0.492	
Min at 650°F	5.5	5.9	5.3	5.6	5.7		
°F at 10 min	--	--	--	--	--		
Temp. (°F)	<u>Second Recovery Run</u>						
600	0.56	0.54	0.58	0.55	0.53	0.552	
500	0.57	0.54	0.60	0.55	0.54	H 0.560	
400	0.52	0.52	0.55	0.51	0.50	H 0.520	
300	* 0.51	* 0.51	* 0.52	* 0.51	* 0.50	H 0.510	0.010
200	* 0.50	* 0.50	* 0.51	* 0.49	* 0.49	0.498	0.008
Appl. No.	<u>Second Baseline Run</u>						
1	0.53	0.52	0.52	0.51	0.50	0.516	
20	0.53	0.55	0.55	0.54	0.53	0.540	



VEHICLE EQUIPMENT SAFETY COMMISSION (VESC) REGULATION V-3 AVERAGE DATA GRAPH

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