



CORNERING FATIGUE TEST REPORT

SET UP TECH	DS	END TECH	DS
START DATE	2/27/09	END DATE	2/27/09
		STATION	52

STL TEST NUMBER	FSC9-0005R
STL JOB NUMBER	L9-186
ACCOUNT REP.	DIETZ
CUSTOMER	FORGESTAR
CONTACT	LIN
PURCHASE ORDER	10007

TEST SPECIFICATIONS

INITIAL DEF	.165	FINAL DEF	.164
ROTARY TEST LOAD (ft lbs.)			2,185
TEST TORQUE (ft lbs.)			80
TEST DURATION (cycles)			150,000
TEST SPEED (rpm)			300
TEST SPEC.			SAE J2530
WHEEL WEIGHT			25.7
FAILURE 20% OVER INITIAL DEFLECTION / 60% LOSS OF TORQUE/ VISUALLY DETECTED SECTION CRACK BREAK OR CRACK OF A FUNCTIONAL FASTENER			
SPECIAL INSTRUCTIONS BREAKAWAY TORQUE AT END OF TEST			

WHEEL SPECIFICATIONS

WHEEL SIZE	19 X 11
PART NUMBER	PLTINUM SILVER
RATED LOAD	1500
MATERIAL	ALUM.
ADAPTOR NUMBER	
B.C.D	5 X 130
STUD NUMBER	1/2-20
LUG NUT NUMBER	1/2-20

FLATNESS CHECK AT START

_____	.000/.000
_____	.000/.000
_____	.000/.000

FLATNESS CHECK AT END

_____	.000/.000
_____	.000/.000
_____	.000/.000

TEST RESULTS

CYCLES COMPLETED (1)	150,120	INSPECTION	ZYGLO				
TECHNICIAN	DS	TOTAL HOURS	8.34				
DATE	3/1/09	DEFLECTION	.164				
COMMENTS (1)	Test Complete. No cracks found per zyglo inspection. Wheel meets requirements of SAE J2530.						

BREAKAWAY TORQUE

1.	80.7/86.7	6.	N/A
2.	80.3/85	7.	N/A
3.	80.6/89.2	8.	N/A
4.	80.1/84.5	9.	N/A
5.	80.6/83.6	10.	N/A

APPROVAL : _____ _____

DATE: _____ 3/6/2009 _____