STL SM
STANDARDS TESTING LABS
Tough On Testing. SM

CORNERING FATIGUE TEST REPORT

SET UP TECH	**DD**	END TECH	**DS**
START DATE	**7/29/08**	END DATE	**7/30/08**
		STATION	**52**

STL TEST NUMBER	**AMT8-0002**
STL JOB NUMBER	**L8-665**
ACCOUNT REP.	**HIEGEL**
CUSTOMER	**AMT**
CONTACT	**BLACK**
PURCHASE ORDER	

WHEEL SPECIFICATIONS

WHEEL SIZE	**19 X 8.5**
PART NUMBER	**2808-201A HAAS #12**
RATED LOAD	
MATERIAL	**ALUM.**
ADAPTOR NUMBER	
BCD	**5 X 130MM**
STUD NUMBER	**1/2-20**
LUG NUT NUMBER	**1/2-20**

	.000/.000
FLATNESS CHECK AT START	.000/.000
	.000/.000

TEST SPECIFICATIONS

INITIAL DEF	**.372**	FINAL DEF	**.376**
		ROTARY TEST LOAD (ft lbs.)	**1,633**
		TEST TORQUE (ft lbs.)	**85**
		TEST DURATION (cycles)	**300,000**
		TEST SPEED (rpm)	**400**
		TEST SPEC.	**SAE J2530**
		WHEEL WEIGHT	**15.8**

FAILURE **20% OVER INITIAL DEFLECTION / 60% LOSS OF TORQUE/ VISUALLY DETECTED SECTION CRACK BREAK OR CRACK OF A FUNCTIONAL FASTENER**

SPECIAL INSTRUCTIONS

DYE CHECK AT 150,000 AND END OF TEST

BREAKAWAY TORQUE AT END OF TEST

	.000/.000
FLATNESS CHECK AT END	.000/.000
	.000/.000

TEST RESULTS

CYCLES COMPLETED (1)	**150,000**	INSPECTION	**DYE**	1.	**85/86.6**	6.	**N/A**
TECHNICIAN	**DS**	TOTAL HOURS	**6.25**	2.	**85.2/76.5**	7.	**N/A**
DATE	**7/30/08**	DEFLECTION	**.376**	3.	**85.5/91**	8.	**N/A**
COMMENTS (1)	**No cracks found per dye penetrant inspection.**			4.	**85.2/84.3**	9.	**N/A**
				5.	**85.2/86.7**	10.	**N/A**

BREAKAWAY TORQUE

CYCLES COMPLETED (2)	**300,480**	INSPECTION	**DYE**	1.	**85.1/91.4**	6.	**N/A**
TECHNICIAN	**DS**	TOTAL HOURS	**12.52**	2.	**85.4/86.4**	7.	**N/A**
DATE	**7/30/08**	DEFLECTION	**.376**	3.	**85/99.7**	8.	**N/A**
COMMENTS (2)	**Test Complete. No cracks found per dye penetrant inspection. Wheel meets requirements of SAE J2530.**			4.	**85.5/89.6**	9.	**N/A**
				5.	**85.4/98.8**	10.	**N/A**

APPROVAL : _____ DATE: 7/31/2008