

K N Wheels Limited

Manufacturers of Alloy Wheels

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WHEEL FATIGUE TEST RECORD ***Quality Assurance Document***

Customer:	General Test	Test Date:	27/11/1989
Test Type:	Cornering Fatigue	Test Spec:	TUV STV-20
Test No:	DC013	Location:	KN Wheels

WHEEL DETAILS

Type	Minator	Size	13 x 5.5	Part No.	MN1355	Offset	25mm
PCD	4 x 3.75"	W't		Mat'l	LM9 HT	Finish	Machined
Thr'd	M12 x 1.5	Seat	60 deg	Tyre		R/Radius	.258M
Application	General Test						

TEST DETAILS

Cornering Fatigue

Specified Wheel Load:	400Kg	Cycles Required	200,000
Applied Bending Moment:***	1514	Rig Loading Kgs	238 kgs****
Nut/Bolt Torque:	88NM	Trip Setting	0.3mm

***see test load calc sheet

Radial Fatigue

Specified Wheel Load:	XXXXXX	Cycles Required	XXXXXX
Applied Radial Load:	XXXXXX	Tyre Pressure	XXXXXX
Nut/Bolt Torque:	XXXXXX	Trip Setting	XXXXXX

Test Results

Cycles:	41,200	Crack Detect:	OK	Torque (NM):	88
Cycles:	134,200	Crack Detect:	OK	Torque (NM):	88
Cycles:	212,400	Crack Detect:	OK	Torque (NM):	
Cycles to Failure	N/A	N/A	N/A	Torque (NM):	

COMMENTS/NOTES

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Tested:	D McGrath	Approved:		Issued Date:	03/12/1989
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Pass: *****	Fail:
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