

Mechanical Testing Laboratory

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9Jx17 'Goanna Tracks' Steel Wheel

Introduction

A 9Jx17 Steel Wheel 6 stud on 170 pcd Part Number 517.097.010 was provided to ROH MTL for testing. The wheel is from Goanna Tracks Overland Vehicles Pty Ltd. Testing was conducted to SAE J328 for 1950 kg wheel load. Minimum test cycles is 400 000.

Testing

Radial Fatigue Test

Load	Cycles	Result
1950 kg	1 000 000	No cracks.



Conclusion

The wheel meets the requirement of SAEJ328 at 1950 kg for radial fatigue, and is suitable for road use with up to a 131 load rated tyre.

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