

Report Number: **MK8142873**

Date Tested: **25 June 2014**

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M A G N E T I C P A R T I C L E T E S T A N D V I S U A L I N S P E C T I O N R E P O R T

| | | | |
|-----------------------|------------|----------------------|-------------------|
| Client Purchase Order | 1234 | Rim ID | RIM 1234 |
| Client | Mine A | New Rim ID | N/A |
| Client Contact | John Smith | Rim / Wheel Hours | 11,500 |
| Client Location | XX Town | Rim Make | TITAN |
| | | Rim Model | 57"X29"EU STD RIM |
| | | Vehicle Make / Model | KOMATSU 830E |

| Component | Qty Received | Manuf. Date | Component | Qty Received | Manuf. Date | |
|--------------------------------|--------------|---------------|--------------------|--------------------|-------------|---|
| Base | 1 | 01/10 | Side Ring (1) | 1 | 01/10 | Wheels and Rims are viewed from the Lock Ring or Gutter Section looking towards the Back Section with the Valve Hole located at the 12 o'clock position |
| Bead Seat Band (1) | 1 | 01/10 | Side Ring (2) | 1 | 01/10 | |
| Bead Seat Band (2) | 0 | | Lock Ring (1) | 1 | 01/10 | |
| Adapter Plate | 0 | | Lock Ring (2) | 0 | | |
| Relevant Australian Standards: | | AS1171 - 1998 | AS1554.5 Part 5 SP | AS4457.1 - 2007 | | |
| | | AS3998 - 2006 | AS2085 - 1977 | AS1627.4 Class 2.5 | | |

| AREA | AREA DETAIL | Indications of Damage / Cracking | | | COMMENTS | RESULT | ACTION |
|----------|--------------------------------|----------------------------------|-------------|---------------|--|------------|--|
| | | LOCATION (o'clock) | LENGTH (mm) | DEPTH (mm) | | | |
| 1 | Gutter Section (Front) | 5,6,7 | 40mm | * | Cracking / Indications Outwith Tolerance | Fail | Section replacement |
| 2 | Driver Assembly (Front) | 12 | * | * | New Gutter Section Required - Replace Drive Stop | N/A | Supply and weld new Drive Stop |
| 3 | Jacking Lugs (Front) | N/A | * | * | N/A | N/A | N/A |
| 4 | Centre Band | FULL DIA | * | LESS THAN 2mm | Light Mechanical Damage / Pitting. | Pass | Remedial repair |
| 5 | Butt Weld | * | * | * | Good Condition | Pass | No Action Required |
| 6 | Circumferential Weld | FULL DIA | * | * | Good Condition | Pass | No Action Required |
| 7 | Valve Hole | 12 | * | LESS THAN 2mm | Light Mechanical Damage / Pitting. | Pass | Remedial repair - Machine / Chase Thread |
| 8 | Valve Hole (2) | N/A | * | * | N/A | N/A | N/A |
| 9 | Valve Protector | N/A | * | * | N/A | N/A | N/A |
| 10 | Gutter Section (Rear) | N/A | * | * | N/A | N/A | N/A |
| 11 | Back Section (Conventional) | FULL DIA | * | LESS THAN 2mm | Light Mechanical Damage / Pitting | Pass | Remedial repair |
| 12 | Mounting Disc | N/A | * | * | N/A | N/A | N/A |
| 13 | Bead Seat Band (1) | N/A | * | * | Light Mechanical Damage / Pitting | Pass | Remedial repair |
| 14 | Bead Seat Band (2) | N/A | * | * | Not Supplied - Do Not Replace | N/A | N/A |
| 15 | Side Ring (1) | N/A | * | * | Good Condition | Pass | No Action Required |
| 16 | Side Ring (2) | N/A | * | * | Light Mechanical Damage / Pitting | Pass | Remedial repair |
| 17 | Lock Ring (1) | N/A | * | * | Mechanical Damage / Sprung | Fail | Section replacement |
| 18 | Lock Ring (2) | N/A | * | * | Not Supplied - Do Not Replace | N/A | N/A |
| 19 | Rear Adapter Plate | N/A | * | * | N/A | N/A | N/A |
| 20 | Disassemble Rim/Wheel (Extras) | * | * | * | Remove Valving | Yes | Remove Valving as required |
| 21 | Rim Identification | * | * | * | Hardstamping / Identification - Worn | Fail | Hardstamp to customer specifications |
| 22 | Assembly | * | * | * | Assembly Required | Yes | Assemble Base and Components |
| 23 | Packing / Pallet Requirements | * | * | * | Not Supplied with Pallet - Return on Pallet | Supply New | Return on New Pallet |
| Comments | | | | | | | |

Testing Carried Out. in Accordance with AS1171-1998 Level 2.

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| Name | Greg Neale | Signed: | | Date | 25/6/2014 |
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