



SHOVLIN PLANT HIRE LTD (NPS)

## Case 988 12 Monthly Inspection



Case 988 12 Monthly Inspection Maintenance reference numbers correspond to FPM007 - Case 988 Operations and maintenance handbook, issue 2.

General Information			
Inspection Reference:	<b>30407</b>	Inspector Name:	<b>OLLIE WOODWARD</b>
Customer:	<b>SHOVLIN PLANT HIRE LTD</b>	Location:	<b>NPS, WS119NS</b>
Customer Name:	<b>SHOVLIN PLANT HIRE LTD</b>	Customer Address:	<b>THE BROOK BUSINESS COMPLEX, BENNETT ST, WEST GORTON, MANCHESTER M12 5AU ·</b>
Date of Inspection:	<b>01/11/2023</b>	Date of Last Inspection:	
Date of Next Inspection:	<b>31/10/2024</b>	Fleet Number:	<b>YHD</b>
Serial Number:	<b>UNKNOWN</b>	Inspection Duration:	<b>12 MONTHS INSPECTION</b>
Rail number	<b>99709 940512-5</b>	RCI number	<b>015557</b>
Label	<b>N/A</b>		

Is this the first examination after installation? **NO**

Is within an interval of 12 months? **NO**

**I confirm that the equipment has been thoroughly tested and the equipment is safe to operate**

Signed-Competent Person	Signed-Person Authenticating This Report
 <b>OLLIE WOODWARD</b> 01/11/23	 <b>GARTH RICHARDSON, MANAGING DIRECTOR</b> 01/11/23

National Plant Solutions Ltd  
 Unit 1 Anchor Point  
 Walsall Road  
 Norton Canes  
 Cannock  
 Staffordshire  
 WS11 9NS

01785 251115

# SHOVLIN PLANT

HIRE LIMITED

## RAIL WHEEL BRAKING TORQUE TEST

Date:	31-4-24		
Machine:	CASE 988		
Serial No:	C660232258	Location:	YARD
Plant No:	YHD	Hours:	11169

Inspection Point	Inspection Limits	Pass	Fail
Brake Pad Wear	Minimum 3mm	✓	
Brake Pad Damage	None allowed	✓	
Contamination	None allowed	✓	
Brake Pad Adjustment	1mm	✓	
Floating Pins	Clean and lubricate with graphite grease	✓	
Hydraulic Hoses / Fittings	Check for damage / leaks	✓	
Brake Disc Protection	Check for damage / security	✓	
Brake Discs	Check for damage / security	✓	
Fixing / Fasteners	Check for damage / security	✓	
Torque limits	See back of sheet for required limits		

**For AJH brake systems, refer to AJH097 for torque test requirements**  
**Where OEM torque test figures are not available, the following should be used:**

**Park Brake (Nm) =  $\frac{\text{Machine Weight (Kg)}}{20}$**  Minimum Park brake required:  
20

**Service Brake (Nm) =  $\frac{\text{Machine Weight (Kg)}}{10}$**  Minimum Service brake required:  
10

Equipment to be used:	TORQUE WRENCH	ID No:	7910789696	Cal Exp Date:	30.11.24
Equipment to be used:	WHEEL RYER	ID No:	130086	Cal Exp Date:	4.12.24

Park Brake: 1350nm  
Service Brake: 1680nm  
Pass / Fail: **Pass**

Park Brake: 1350nm  
Service Brake: 1680nm  
Pass / Fail: **Pass**

Park Brake: 1350nm  
Service Brake: 1680nm  
Pass / Fail: **Pass**

Park Brake: 1350nm  
Service Brake: 1680nm  
Pass / Fail: **Pass**

As the engineer responsible for executing this testing, I confirm that I have used calibrated equipment and had the relevant training. Prevailing weather conditions did not affect the outcome of this test.

Engineer: <u>D. Smolius</u>	Signed:
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As an Approver of Shovlin Plant I confirm that this inspection/test was executed by a suitably qualified service engineer.

Approver: <u>Jacob Shovlin</u>	Signed:
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# SHOVLIN PLANT

HIRE LIMITED

## RAIL WHEEL BRAKING TORQUE TEST

### Torque Limits

	Park Brake (Nm)	Service Brake (Nm)
Case 988	1350Nm	1684Nm
Giga Railer	1330Nm	2362Nm
Liebherr	1250Nm	2500Nm

	Park Brake (kgF)	Service Brake (kgF)
TD12-1512	1480 kgF	2970 kgF
Other TD12s	1000 kgF	1600kgF