

METCALF CRANE SERVICES PTY LTD

SUPERSTRUCTURE ALL TERRAIN – 250 HOUR INSPECTION & SERVICE REPORT

JOB NUMBER:	67-29	UNIT NUMBER:	U67	DATE: 21.05.2026	
CRANE MODEL:	DEMAG AC100/4	SERIAL NUMBER:	10410		
HOURS:	9,152Hrs				

***NOTE: MAKE SURE THAT HOURS AND KILOMETRES ARE RECORDED – MAKE SURE A SERVICE STICKER IS FITTED**

SERVICE	DONE	OK	N/A	INITIAL	CHECK FAULT – COMMENTS – PLEASE NOTE ALL FINDINGS
SUPERSTRUCTURE					
Check & report on all switches & warning lamps	☐	☒	☐		
Check Deadman switch	☐	☒	☐		
Check any LMI errors	☐	☒	☐		
Check wiper / washer operation	☐	☒	☐		
Check washer level	☐	☒	☐		
Top up batteries	☐	☒	☐		
Lubricate & condition of battery terminals	☐	☒	☐		
Check anti 2 block system; main & aux	☐	☒	☐		
Check condition of sheaves	☐	☒	☐		
Check condition of hook blocks	☐	☒	☐		
Check for oil leaks	☐	☒	☐		
Check air con & heater system	☐	☒	☐		
Check winch operation & turn indicator	☐	☒	☐		
Check to ensure keeper pins in place and in good condition	☐	☒	☐		
Check air intake hoses	☐	☒	☐		
Check s/structure hydraulic level & note	☐	☒	☐		
ENGINE					
Take oil sample *	☐	☒	☐		
Change engine oil	☒	☐	☐		18 ltrs E900
Change oil filter	☒	☐	☐		LF3827
Change fuel filter	☒	☐	☐		A6860900151

SERVICE	DONE	OK	N/A	INITIAL	CHECK FAULT – COMMENTS – PLEASE NOTE ALL FINDINGS
Change air filter(outer)	☐	☒	☐		
Change air filter (inner)	☐	☐	☒		
Clean fuel pre filter	☐	☒	☐		
Check/adjust condition of drive belts	☐	☒	☐		
Check coolant level	☐	☒	☐		
Check coolant/air intake hose & secure clips	☐	☒	☐		
Check & report any leaks	☐	☒	☐		
Top up auto lube system	☒	☐	☐		
* USE CRANE SERIAL NUMBER FOR 'UNIT' OR 'VEHICLE ' NUMBER NOT JOB NUMBER ON OIL SAMPLES					
HYDRAULICS					
Clean magnetic rod	☐	☒	☐		
Check hydraulic hoses	☐	☒	☐		
WINCH					
Check oil level	☐	☒	☐		
Replace oil	☐	☒	☐		
Check condition of rope & rollers	☐	☒	☐		
Lubricate hoist gear	☐	☒	☐		
SLEW					
Check slew bearing bolt tension	☐	☒	☐		
Check pinion & ring teeth condition	☐	☒	☐		
MOVE CRANE INTO YARD					
BOOM & OUTRIGGER LUBRICATION					
Lube outrigger beams	☐	☒	☐		
Lubricate hook blocks	☐	☒	☐		
Lubricate Boom	☐	☒	☐		
* USE CRANE SERIAL NUMBER FOR 'UNIT' OR 'VEHICLE ' NUMBER NOT JOB NUMBER ON OIL SAMPLES					
OTHER MAINTENANCE WORK					
Lubricate counterweight hoist unit	☐	☒	☐		Type & Amount:
Lubricate door rollers	☐	☒	☐		Type & Amount:
Test boom telescope operation	☐	☒	☐		
Test derricking operation (luffing)	☐	☒	☐		
Test counterweight operation	☐	☒	☐		
Test operation of ECOS or EKS	☐	☐	☒		

SERVICE	DONE	OK	N/A	INITIAL	CHECK FAULT – COMMENTS – PLEASE NOTE ALL FINDINGS
Wash down crane, detail cab if applicable	☐	☒	☐		
GENERAL COMMENTS:					
Fill auto greaser					
Order full set of Hydraulic filters					

INSPECTED BY:	Nick DeLeur	QUALIFICATION:	Mechanic
SIGNATURE:	<i>N. DeLeur</i>	DATE:	21.05.2026

Certification by Responsible Person: I certify that the described plant is to the manufacturers specifications and is being serviced and maintained by competent personnel to the manufacturer's recommendations			
PRINT NAME:	Bill Duncan	POSITION:	Workshop supervisor
SIGNATURE:	<i>William Duncan</i>	DATE:	21.05.2026

METCALF CRANE SERVICES PTY LTD

ALL TERRAIN CARRIER INSPECTION & SERVICE REPORT

JOB NUMBER:	67-11 Carrier	UNIT NUMBER:	U67	DATE:	21.05.2026
CRANE MODEL:	Demag AC100/4	SERIAL NUMBER:	10410	KM'S:	85,437kms
CARRIER HOURS:	4,017 hrs				

***NOTE: MAKE SURE THAT HOURS AND KILOMETRES ARE RECORDED – MAKE SURE A SERVICE STICKER IS FITTED**

SERVICE	DONE	OK	N/A	INITIAL	CHECK FAULT – COMMENTS – PLEASE NOTE ALL FINDINGS
TEST DRIVE					
Drain air pressure, check build up	☐	☒	☐		
Check park brake operation	☐	☒	☐		
Check braking operation	☐	☒	☐		
Check emergency steering operation	☐	☒	☐		
Check transmission operation	☐	☒	☐		
Check suspension operation	☐	☒	☐		
SUSPENSION					
Chock machine & apply handbrake	☐	☒	☐		
Check & note all suspension oil levels &	☐	☒	☐		Oil Levels:
Lock suspension	☐	☒	☐		
Check & report any oil leaks	☐	☒	☐		
ELECTRICAL					
Operation of all lights	☐	☒	☐		
Check all warning systems:- horns	☐	☒	☐		
Check all warning systems:- flashing lights	☐	☒	☐		
Check all switch functions	☐	☒	☐		
Check wiper/washer operation & condition	☐	☒	☐		
Check air conditioning operation	☐	☒	☐		
CAB & PANEL					
Ensure items in cab are secure	☐	☒	☐		

SERVICE	DONE	OK	N/A	INITIAL	CHECK FAULT – COMMENTS – PLEASE NOTE ALL FINDINGS
Condition of cab, panels & doors	☐	☒	☐		
Check seat belt condition & mounting	☐	☒	☐		
STEERING					
Check all linkages & ball joints	☐	☒	☐		
Check ball joint rubber condition	☐	☒	☐		
Check strut grease lubricating system	☐	☒	☐		Type & Amount:
Check & report leaks	☐	☒	☐		
HYDRAULIC					
Check carrier hydraulic level & note	☐	☒	☐		
OUTRIGGERS					
Place machine on outriggers	☐	☒	☐		
Check operation of all control switches	☐	☒	☐		
Check operation of L&R level indicators	☐	☒	☐		
Check damage to pads or pad holders	☐	☒	☐		
Check all beam lock pins & chains	☐	☒	☐		
Check beam wear pads	☐	☒	☐		
Check for leaks & report	☐	☒	☐		
De-rig hooks & raise boom	☐	☒	☐		
BRAKES					
Check brake system for air leaks	☐	☒	☐		
Drain water from air tanks	☐	☒	☐		
Check condition & thickness of linings	☐	☒	☐		
WHEELS					
Check tyre condition & pressures	☐	☒	☐		
Check wheel bearing clearances – REFER TO PROCEDURE	☐	☒	☐		
Check wheel dish condition & visually check wheel nuts	☐	☒	☐		
PLEASE USE ISOLATION PROCEDURES & TAGS					
CARRIER ENGINE					
* Take engine oil sample *	☐	☐	☐		SIF No:
Change engine oil & fill to level	☐	☐	☐		Type & Amount: 40Ltrs E900
Change oil filter	☐	☐	☐		Filter no: LF16046

SERVICE	DONE	OK	N/A	INITIAL	CHECK FAULT – COMMENTS – PLEASE NOTE ALL FINDINGS
Change fuel filters	☒	☐	☐		Filter No: FF5405
Clean fuel pre filler	☒	☐	☐		Filter No: Tadano 9474256512
Change air filter outer	☐	☒	☐		Filter No:
Change air filter inner	☐	☐	☒		Filter No:
Check coolant level	☐	☒	☐		Level:
Check & report coolant leaks	☐	☒	☐		
Check & report oil or fuel leaks	☐	☒	☐		
Check condition of hose & secure clips	☐	☒	☐		
Check condition of mounts	☐	☒	☐		
Check exhaust system	☐	☒	☐		
Check battery levels, clean & lube terminals	☐	☒	☐		Level, Type & Amount:
Check washer bottle level	☐	☒	☐		Level & Amount:
Check air intake system	☐	☒	☐		
* USE CRANE SERIAL NUMBER FOR 'UNIT' OR 'VEHICLE ' NUMBER NOT JOB NUMBER ON OIL SAMPLES					
TRANSMISSION					
Check & report any oil leaks	☐	☒	☐		
* USE CRANE SERIAL NUMBER FOR 'UNIT' OR 'VEHICLE ' NUMBER NOT JOB NUMBER ON OIL SAMPLES					
TRANSFER CASE					
* Take oil sample *	☐	☐	☐		SIF No:-
Check oil & fill to level	☐	☒	☐		Type & Amount
Fill to correct level plug – refer to shop manual	☐	☒	☐		Type & Amount
Check & report any oil leaks	☐	☒	☐		
DIFFERENTIAL, FINAL DRIVES & DRIVELINES					
Take diff oil samples * & Position on crane (rear only)	☐	☒	☐		SIF No:-
Check & report oil leaks	☐	☒	☐		
Fill oil to level	☐	☒	☐		Type & Amount:
Change oil on retarded diff	☐	☒	☐		Type & Amount:
Check wear & lubricate cardinal shafts	☐	☒	☐		Type & Amount:
Check wear & lubricate drive shafts	☐	☒	☐		Type & Amount:
BRAKES					

SERVICE	DONE	OK	N/A	INITIAL	CHECK FAULT – COMMENTS – PLEASE NOTE ALL FINDINGS
Change air drier filter	☐	☒	☐		
* USE CRANE SERIAL NUMBER FOR 'UNIT' OR 'VEHICLE ' NUMBER NOT JOB NUMBER ON OIL SAMPLES					
HYDRAULICS					
Check & clean magnetic rod	☐	☒	☐		
AIR CONDITIONER					
Check moisture & level of refrigerant	☐	☒	☐		Level & Amount:
Clean condenser cooling fins	☐	☒	☐		
Check heating system & fan operation	☐	☒	☐		
Check hoses	☐	☒	☐		
OTHER MAINTENANCE					
Lubricate all door hinges	☐	☒	☐		Type & Amount:
Lubricate retaining pins & sockets	☐	☒	☐		Type & Amount:
Top up auto greaser	☒	☐	☐		Type & Amount
GENERAL NOTES:					
Filled auto greaser					
Ordered Hydraulic filters					

TYRE PRESSURE	AXLE 1	AXLE 2	AXLE 3	AXLE 4	AXLE 5	AXLE 6	AXLE 7	AXLE 8	AXLE 9
INNER	7BAR	7BAR	7BAR	7BAR					
OUTER									

***NOTE: RECORD ACTUAL TYRE PRESSURE BEFORE CORRECTING TO FACTORY SETTINGS**

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SIGNATURE:	<i>N. de Leur</i>	DATE:	21.05.2026

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