

Crane PM Record

Asset No	Model	Date	Hours
EA-CR001	Crowe	13/10/24	638

ACCIDENT PREVENTION

READ AND UNDERSTAND SAFETY WARNING IN THE
OPERATION AND MAINTENANCE MANUAL

Have you completed a good to go.	YES/NO	INITIALS CL
Verification Sticker Number (2024 is Red)	✓	INITIALS CL

- | | |
|-------------------------------------|--|
| ☒ | Cleaned machine prior to commencement of service ? |
| ☒ | Positioned the machine on flat level ground? |
| ☒ | Lowered Implements? |
| ☒ | Made work area safe / delineation? |
| ☒ | Attach out of Service Tags |
| ☒ | Have you locked out machine isolator as per site regulations? |
| ☒ | Approval sticker updated and current? |
| ☒ | Onboarding Documents updated and current? Eg: Signed and uploaded |
| ☒ | Is asset site compliant? Eg: HiVis stripes, Asset number, IVMS, Indicators ect |

FITTER: Gus Lindley

SIGN: Caterpillar

DATE: 13 / 10 / 24

SERVICEMAN: _____

SIGN: _____

DATE: ____ / ____ / ____

SITE: _____

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Crane PM Record

DESCRIPTION		500 H	1000 H	1500 H	2000 H	4000 H	COMMENT
							C = Clean R = Replace G = Grease P = Pass F = Fail
Initial Test Drive and Walk Around	Check operation of seats & seat belts	✓					
	Check operation of dash gauges and warning devices	✓					
	Check operation of wipers, washers, lights & indicators	✓					
	Check operation of air conditioner and heater demister	✓					
	Check operation of clutch, brakes and park brakes	✓					
	Check operation of doors, locks, windows, mirrors	✓					
	Check operation of transmission and drivelines	✓					
	Check fire extinguisher test date	✓					Date / 10 / 24 - 6 month max
	Check operation of pedals and gear-shift levers	✓					
	Inspect steering linkages for damage and backlash	✓					
	Inspect steps and handrails	✓					
	Inspect tyres, pressures, rims, nut indicators	✓					
Notes	Before working on and under the vehicle, ensure that:						
	- Appropriate PPE is worn						
	- Out of service / danger tags / lockout tags are fitted						
	- Wheel chocks are in place where applicable						
	- An approved hoist or load-rated stands are being used						
	- Oil spill control measures are in place						
Engine	Change engine oil	✓					
	Change engine oil filter	✓					
	Oil Condition – Take Sample SIF No.:						
	Oil Pressure	✓					gauge reading / PSI KPA _____
	Report and check oil leaks	✓					
	Check Unusual Noises	✓					
	Exhaust System – Check for leaks	✓					
	Check Exhaust Discharge away from Operator / AC	✓					
	Air Intake System – Check hoses and clips	✓					
	Change Air Filter Elements	✓					
	Check Engine Mounts	✓					
	Check Radiator Condition – Core	✓					
	Change Coolant & Top Up	✓					
	Check Radiator Mounts & Guards	✓					
	Check Condition of ALL Radiator Hoses	✓					
	Check Condition of ALL Belts & Guards – Adjust if required	✓					
	Check Fuel Lines for leaks and condition	✓					
	Change Fuel Filters / Sediment Traps	✓					
	Clean Coolant Strainer (Cab Heater)	✓					

Crane PM Record

Transmission and Drive Line	Change Oil						
	Change Transmission Filters						
	Transmission Oil Condition						Take Sample SIF No.:
	Check Breather	✓					
	Report Oil Leaks	✓					
	Check Operation of Transmission						
	Check Control Mechanisms						
	Check Mounts / Supports / Bolts	✓					
	Check Unusual Noise (s)	✓					
	Check Drive Line Universals & Splines	✓					
	Lubricate Drive Line (s)	✓					
	Check Condition of Hoses – Where Applicable	✓					

Steering System	Check Normal Steer Mode Operation						
	Check Rear Steering Control Mechanism	✓					
	Check Rear Steer Operation & Indicator Device						
	Check 4 Wheel / Crab Steer Operation						
	Check Steering Cylinder (s) Condition	✓					
	Check Steering Linkages (s) Condition	✓					
	Lubricate ALL Linkages / Joints	✓					
	Check Condition of ALL Hoses						
	Check Steering Box Oil Level						

Crane PM Record

Axle wheel & Tyre Group	Check Tyre Condition:						
	Check Tyre Pressures	✓					
	Check Wheel Lug Nuts	✓					
	Check Wheel Rim (s) Condition	✓					
	Change Front Diff Oil & Fill to Level						Change oils Hour
	Change Rear Diff Oil & Fill to Level						Change oils Hour
	Change LHF Planetary Reduction Oil & Fill to Level						Change oils Hour
	Change RHF Planetary Reduction Oil & Fill to Level						Change oils Hour
	Change LHR Planetary Reduction Oil & Fill to Level						Change oils Hour
	Change RHR Planetary Reduction Oil & Fill to Level						Change oils Hour
	Oil Condition – Take Samples & Mark Positions on Crane SIF No.:						

Brake System	Check Operation						
	Check Park Brake Operation	✓					
	Check Park Brake Warning Light	✓					
	Check Condition of ALL Hoses	✓					
	Check Pedal Foot Valve Condition						

Crane PM Record

Chassis & Body	Check for Cracks in Chassis					
	Check for Chassis Damage	✓				
	Inspect Towing / Lifting Points	✓				
	Report Panel Damage	✓				
	Inspect for Loose / Missing Body Items	✓				
	Check Auto Lube, Lubricate ALL Service Grease Points	✓				

Outtrigger / Stabilizer	Lubricate vertical and Beams outrigger slides					
	Visual Inspection of Boxes and Beams	✓				
	Check for Oil Leaks at Jack Cylinders	✓				
	Check for Oil Leaks at Extension Cylinders	✓				
	Check for Oil Leaks at Valves	✓				
	Check Condition of ALL Hoses	✓				
	Check Condition of Controls / Switches	✓				
	Check Condition of ALL Related Wiring	✓				
	Check Operation	✓				

Crane PM Record

Hydraulic Group	Change Hydraulic Oil					2000 hr. Service
	Change Oil Filters	✓				First Service then every 1000 hr
	Check Hydraulic Oil Level	✓				
	Hydraulic Oil Condition (sample) SIF No.:	✓				
	Check Condition of ALL Hoses	✓				
	Check Routing of ALL Hoses	✓				
	Check Pump Condition / Unusual Noise (s)	✓				
	Check for Oil Leaks at ALL Cylinders	✓				
	Check for Oil Leaks at ALL Valves	✓				
	Report Oil Leaks	✓				
	Check Rotary Coupling / Mounts / Leakage	✓				
	Check Oil Cooler Condition & Mounting	✓				
	Check Tank Breather (Change at 1000 hr. Service)	✓				
Boom Group	Check Pivot Pins & Housings	✓				
	Check ALL Boom Sections for Damage	✓				
	Check ALL Boom Sections for Operation	✓				
	Check Boom Alignment					
	Check Wear Pad Condition / Adjustment	✓				
	Lubricate boom as per operator service manual					
	Check Head Sheave / Bearing Condition					
	Check Rooster / Auxiliary Nose Condition					
	Check Rooster / Auxiliary Nose Sheave & Bearing Condition					
	Check Tele Cylinder Mounts / Condition	✓				

Crane PM Record

[illegible]

Crane PM Record

Cabin Group Superstructure	Check Door Operation & Lock	✓					
	Check Seat Condition & Mounting	✓					
	Check Seat Belt Condition & Mounting	✓					
	Check Windows	✓					
	Check for Water Leakage into Cab	✓					
	Check Wiper / Washer Operation	✓					
	Check Heater Operation	✓					
	Check Air Conditioner Operation and filter (change @ 1000Hr)	✓					
	Check Control Operation	✓					
	Check Safe Access / Entry to Cabin	✓					
	Check General Appearance and Report	✓					

Hoist Group	Visual Check Main & Aux Hoist Mount / Bolts						
	Change Main – Reduction Oil Level - Take Oil Sample SIF No.:						
	Change Auxiliary – Reduction Oil Level - Take Oil Sample SIF No.:						
	Check Hi – Low Speed Operation of ALL Hoists						
	Check Main – Auxiliary Hoist Speed Indicators						
	Check Rope Tension Roller / Device						
	Check Condition of ALL Hydraulic Lines	✓					
	Check Main Hoist Rope	✓					
	Check Auxiliary Hoist Rope Condition / Size / Length						

Safety Group

Operational Inspection & Testing

Crane PM Record

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Steering System	Check Normal Steer Mode Operation						
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	Check for Oil Leaks at ALL Cylinders	✓				
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	Check ALL Boom Sections for Damage	✓				
	Check ALL Boom Sections for Operation	✓				
	Check Boom Alignment					
	Check Wear Pad Condition / Adjustment	✓				
	Lubricate boom as per operator service manual					
	Check Head Sheave / Bearing Condition					
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[illegible]

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	Check Windows	✓					
	Check for Water Leakage into Cab	✓					
	Check Wiper / Washer Operation	✓					
	Check Heater Operation	✓					
	Check Air Conditioner Operation and filter (change @ 1000Hr)	✓					
	Check Control Operation	✓					
	Check Safe Access / Entry to Cabin	✓					
	Check General Appearance and Report	✓					

Hoist Group	Visual Check Main & Aux Hoist Mount / Bolts						
	Change Main – Reduction Oil Level - Take Oil Sample SIF No.:						
	Change Auxiliary – Reduction Oil Level - Take Oil Sample SIF No.:						
	Check Hi – Low Speed Operation of ALL Hoists						
	Check Main – Auxiliary Hoist Speed Indicators						
	Check Rope Tension Roller / Device						
	Check Condition of ALL Hydraulic Lines	✓					
	Check Main Hoist Rope	✓					
	Check Auxiliary Hoist Rope Condition / Size / Length						

Safety Group

Operational Inspection & Testing

13190

Job Card

Asset Information

Asset No / Rego: <u>EA-CR-CROGA</u>							Down Time:
Line 1	Line 2	Line 4	Line 5	Subs 1	Subs 2	Subs 3	Repair Time: <u>4HRS.</u>
Hours / Kms: <u>931</u>							Travel Time: <u>2HRS</u>
Last Service Kms / Hours:							Name: <u>NICK B / MITCH</u>
Next Service Kms / Hours:							Date: <u>22-2-25</u>
Job Type: <u>Corrective</u> , Breakdown, General, Inspection, Modifications, Preventative (Service)							Fire Ext Date:

Fault

GROVE CRANE AIR CONDITIONING GAS
LEAK

Repairs Carried Out

INSPECT CRANE FOR FAULT.
 PRESSURE TEST GAS
 FOUND AIR CONDITIONING HOSE CRIMP
 IS FAULTY.
 REPLACE HOSE WITH NEW HOSE / VACUUM THE
 SYSTEM.
 REGASS AIR CONDITIONER.
 PUT ENGINE COMPONENTS BACK TOGETHER.

Spare Parts / Materials / Consumables Used

Trade Hours

6HRS = NICK B.

