

Excavator PM Service Record



ACCIDENT PREVENTION

Read and understand safety warning in the operation and maintenance manual

	Yes	No
Have you completed a take 5?	☐	☐
Have you completed and understand your JHA?	☐	☐
Has your job circumstances changed since completing your take 5?	☐	☐
Cleaned Machine Prior to Commencement of service?	☐	☐
Positioned Machine on Flat Level Ground?	☐	☐
Lowered Implements?	☐	☐
Made work area safe / delineation?	☐	☐
Attach out of service tag?	☐	☐
Have you locked out machine isolator as per site regulations?	☐	☐

Approval			
F = Fitter	<i>MATT KEAN</i>		<i>JAMES CREMAN</i>
Signature:	<i>[Signature]</i>	Date:	
S = Serviceman:			
Signature:		Date:	
Site:			

Asset Identification			
Asset No.	Model	Date	Current Hours
<i>K362</i>	<i>CX145C</i>	<i>3/3/24</i>	<i>6217</i>
Serial Number:			

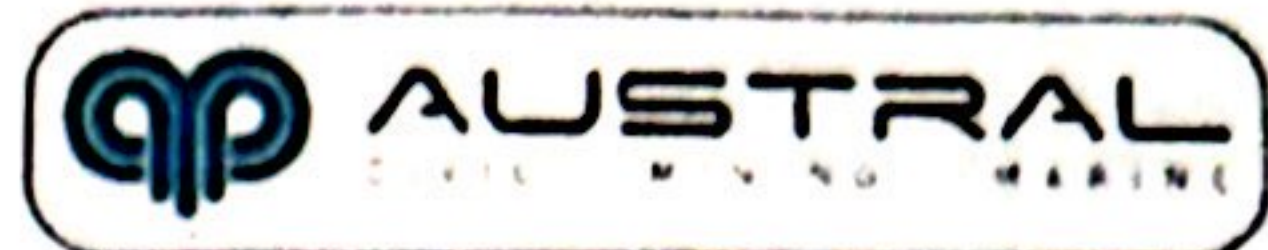
Service Interval (Hrs)			
250	500	1000	2000
☐	☐	☐	☐

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DESCRIPTION		S or F	250	500	1,000	2,000	3,000	COMMENT
Walk Around	Inspect underside of machine for oil / coolant leaks						✓	GREASE LEAK.
	Inspect frame for damage						✓	FRAME OK VARIOUS PANEL DAMAGED
	Inspect frame for cracks						✓	NO CRACKS FOUND - MACHINE NOT WASHED
	Inspect hand/safety rails						X	CRACKED HANDRAIL.
	Inspect all joints on auto lube grease supply						X	AUTO LUBE NOT WORKING.
	Inspect auto lube hose condition and damage						X	GREASE LEAK.
	Inspect wiring harnesses for damage / clamping						✓	LOOKS OK EXTERNALLY
Frame	Fill windscreen washer bottle						✓	
	Check battery acid level						✓	
	Clean and lubricate battery terminals						✓	
	Check fire suppression test date						N/A	Date / / - 6 month max
	Check fire extinguisher test date						✓	Date NOV/23 - 6 month max
In / Exh	Replace engine outer air filter						✓	
	Clean engine air precleaner						✓	
	Replace inner air cleaner						X	NO INNER SUPPLIED - As required
	Inspect muffler and exhaust system for condition / leaks						✓	
	Inspect air intake hoses for condition / dust entry						✓	
Cooling	Wash radiator / cooler core externally						✓	BLOWN OUT.
	Check radiator coolant level						✓	
	Check for coolant leaks / hose clip tension						✓	
	Inspect / adjust vee belts						✓	
	Sample cooling system						X	
	Replace coolant							
Fuel System	Replace water separator filter						✓	
	Replace secondary fuel filter						✓	
	Clean fuel tank suction screen						✓	
	Check fuel control linkage for smooth operation						✓	
	Inspect fuel tank hoses and pipes						✓	
Lube	Check engine oil level						✓	
	Sample engine oil						✓	
	Replace engine oil						✓	
	Replace engine oil filter						✓	
	Replace engine oil bypass filter (If Fitted)						N/A	
	Clean engine crankcase breather						✓	
Pump / Final Drive	Check both final drive oil levels						✓	
	Sample both final drive oil						✓	
	Replace both final drive oil						✓	
	Check pump drive oil level						✓	
	Sample pump drive oil						X	DRY DRIVE PTO
	Replace pump drive oil						X	
	Clean pump drive suction screen						X	
	Clean pump drive breather						X	
	Replace pump drive filter element						X	

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Swing Drive	Check swing drive oil level						✓	
	Sample swing drive oil						✓	
	Replace swing drive oil						✓	
	Clean swing drive breather						✓	
	Grease swing gear internal						✓	
	Inspect swing drive gear for wear						✓	
Hydraulics	Check hydraulic tank oil level						✓	
	Sample hydraulic tank oil						✓	
	Replace case drain hydraulic oil filter						✓	
	Replace Pilot hydraulic filter						✓	
	Cut open and inspect Pilot hydraulic filter						✓	
	Replace hydraulic oil filter						✓	
	Replace hydraulic tank breathers						✓	
	Check swing motor case drain						✓	
	Check travel motor case drain						✓	
	Inspect / replace as required hydraulic hoses						✓	
	Replace hydraulic oil (Replace on SOS recommendation only)						X	DID NOT REPLACE.
Undercarriage	Visually inspect master link for wear - pin to link						✓	
	Measure / adjust track sag						✓	
	Inspect undercarriage for loose lost fasteners						✓	
	Inspect track roller frame for damage / fasteners						✓	
	Inspect track carrier roller for leaks / damage / fasteners						✓	
	Inspect track roller for leaks / damage / fasteners						✓	
	Inspect track idlers for leaks / damage / fasteners						✓	
	Check bucket teeth for wear						✓	
	Check bucket lip protectors for wear						✓	
	Inspect bucket weld on wear plate for condition						✓	
	Check backhoe linkage for operation						N/A	
	Inspect backhoe linkage for loose lost fasteners						N/A	
	Inspect bucket cylinder for leaks / condition / damage						✓	
	Inspect stick cylinder for leaks / condition / damage						✓	
	Inspect boom cylinder for leaks / condition / damage						✓	
	Replace cab recirculation filter						✓	
	Replace cab ventilation filter						✓	
	Inspect / replace windscreen wiper blades						✓	ADJUSTED FRONT WIPER ARM.
	Inspect ROPS cab bolts for loose / damaged						✓	
	Inspect operators seat suspension for wear / date installed						✓	
	Lubricate operator seat slides						✓	
Test Op	Test operation of air conditioner						✓	
	Test operation of all lights						✓	
	Test operation of all instruments						✓	
	Test operation of wipers and washers						✓	
	Test operation of travel up alarm						✓	
	Test operation of warning horn						✓	
	Test operation of auto lube						X	NOT WORKING
	Test operation of all radios						✓	
	Test operation of seat belt / inspect condition						✓	Note. Seat belt to be replaced every 3 years. Check date installed.
	Test operation of implements						✓	

AUSTRAL
CASA - VINO - MARINO

Leadership – Safety – Environment and Sustainability – Integrity – Innovation – Continuous Improvement