



Liebherr 1070 Service Schedule

Date: 24-10-26 Rego: YKT 07P Plant ID: 700

Make	Liebherr	Model	1070
Service Type	500hr	Serial No:	043136
Service Hrs.	18,500hr <u>18,499</u>	KM	<u>103,035 kms</u>
Next Service	18,750hr	Due (+/- 50Hr. Reading)	

Status type: Satisfactory ✓ Action Required ✗ Not Applicable NA

Description	Status	Action/ Comments
500hr Service		
CARRIER / CHASSIS		
Operators Cabin		
Panel Condition	✓	
Cabin Condition	✓	
Gauges	✓	
Horn	✓	
Lights & Indicators	✓	
Locks/Doors/Mirrors	✓	
Windows & Wipers	✓	
Air Conditioning	✓	
Heater & Demister	✓	
Registration Valid & In Date	✓	
Diesel Engine		
Check air filter, replace if necessary	✓	
Check fuel filter, replace if necessary	✓	
Oil change	✓	
Replace oil filter	✓	
Hydraulic System		
Replace bleeder filter of hydraulic tank	✓	
Return filter	✓	
Replace oil filter insert	✓	
Hydraulic Hose Lines		
Check hoses for leaks and damage	✓	
Steering		
Check that steering gear and tie rods are firmly attached, check cotter pin	✓	
Check axle alignment, readjust, if necessary	✓	
Check hydraulic hoses & steering system for leaks and damage	✓	
Replace pressure filter insert	✓	
Hydraulic fan		
Replace pressure filter insert of hydraulic fan	✓	

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Hydraulic Supports		
Check ease of movement of sliding beams / grease	/	
Check sliding beam cables	/	
Axle Suspension		
Function test as blocking cylinder	/	
Automatic Transmission		
Check or tighten mounting screw	/	
Load Transmission		
Oil Change		
Replace oil filter		
Drop Box		
Check attachment	/	
Oil change	/	
Transfer Gear Box		
Check or tighten mounting screw	/	
The Hydrostatic Drive		
Clean filter unit	/	
Pump Distribution Gearbox		
Check attachment	/	
Drive Shaft Between the Engine and Gearbox or Gearbox and Transfer Gearbox		
Check resistance or play in joint by manually bending it after removal	/	(100,000 km)
Check length compensation for inadmissible bending play after removal. Replace the drive shaft if the bending play exceeds 0.17mm	/	(100,000 km)
Axle, Driven		
Oil level checks at axle housing, differential housing and wheel hubs	/	
Check attachment	/	
Axle, Non-driven		
Check attachment	/	
Fuel System		
Check fuel preliminary filter, drain off water if necessary	/	
Check condition and mounting	/	
Drain off water and sediments	/	
Clean auxiliary fuel pump preliminary filter	/	
Tyres		
Ensure that wheel nuts are tight, re-tighten if necessary	/	
Brake system		
Check brake lining thickness	/	
Adjust brakes if necessary, replace linings if necessary	/	
Check the brake discs	/	
Check the brake drums	NA	
Eddy Current Brake		
Check mechanical and electrical parts (follow manufacturer instructions)	/	
Operator's Cab		
Grease boom support	/	

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SUPERSTRUCTURE		
Rotary Connection		
Lubricate gearing	☒	
Rope Winches		
Check the mounting screws for tight seating	☒	
Drive Shafts		
Check flange bolts	☒	
Lubricate	☒	
Relapse Supports		
Lubricate bearings	☒	
Relapse Cylinder		
Check pretension pressure (nitrogen)	☒	
Check oil level	☒	
Pneumatic Springs		
Function test	☒	
A-Frame Bearing		
Lubricate	☒	
Counterweight		
Check tightening torque of mounting screws	☒	
Ballasting		
Lubricate bearing	☒	
Press on Pulleys of Cable winches		
Grease guides	☒	
Crane Ropes		
Check, grease if necessary	☒	
Hook Blocks		
Grease hook	☒	
Check distance gap	☒	
Crane Cab, Extendable or Inclinable		
Check for correct function	☒	
Lubricate bearings	☒	
Slewing Gear		
Check the mounting screws for tight seating	☒	
Turntable Locking Mechanism		
Check for correct function	☒	
Lubricate	☒	
Hydraulic Hose Lines		
Check for safe condition	☒	
Hydraulic System		
Replace servo pressure and replenishing pressure filter inserts	☒	
Replace return filter inserts	☒	
Replace bleeder filter of hydraulic tank	☒	
Hydraulic Pressure Accumulator (nitrogen)		
Check pretension pressures	☒	
Central Lubricating System		
Check for correct function	☒	



OTHER NOTES:

Fit NEW Winch camera
fit NEW LH Armrest computer screen. (Keyboard unit)

Date _____