



Liebherr 1070 Service Schedule

Date: 25-7-26 Rego: YKT-07P Plant ID: 700

Top-12355
Bottom-5627

Make	Liebherr	Model	1070
Service Type	1,000hr	Serial No:	043136
Service Hrs.	18,000hr	KM	
Next Service	18,250hr	Due (+/- 50Hr. Reading)	17942

Status type: Satisfactory ✓ Action Required ✗ Not Applicable NA

Description	Status	Action/ Comments
1000hr Service		
CARRIER / CHASSIS		
Operators Cabin		
Panel Condition	✓	
Cabin Condition	✓	
Gauges	✓	
Horn	✓	
Lights & Indicators	✓	LHR Clearance light - Replace
Locks/Doors/Mirrors	✓	
Windows & Wipers	✓	
Air Conditioning	✓	
Heater & Demister	✓	
Registration Valid & In Date	✓	
Diesel Engine		
Check density of coolant and replace as required	✓	
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	✓	
Check oil, replace if necessary (oil sample may be required)	✓	
Check hydraulic pressure, readjust, if necessary	✓	
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	✓	

Page 2 of 6

Liebherr 1070 Service Schedule

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	/	
Grease steering knuckle bearings	/	
Oil change	/	W3 oil replaced.
Clean deaerating nipple at axle housing	/	
Axle, Non-driven		
Check attachment	/	
Grease steering knuckle bearings	/	
Replace wheel hub grease filling	/	
Adjust wheel bearings	/	
Electrical System		
Check cable connections and battery acid levels	/	
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	/	
Replace fuel preliminary filter	/	REPLACED
Tyres		
Ensure that wheel nuts are tight, re-tighten if necessary	/	GETTING LOW
Brake system		
Check brake lining thickness	/	
Adjust brakes if necessary, replace linings if necessary	/	
Check the brake discs	/	
Check the brake drums	/	
Eddy Current Brake		
Check mechanical and electrical parts (follow manufacturer instructions)	/	
Air Pressure System		
Drain air pressure tank	/	
Check and replace air drier granular cartridge if necessary	/	
Clean air drier preliminary filter	/	
Operator's Cab		
Grease boom support	/	

Liebherr 1070 Service Schedule

SUPERSTRUCTURE		
Rotary Connection		
Lubricate gearing	✓	
Lubricate the rotary connection	✓	
Check screws for tight seating	✓	
Check tilt play	✓	
Rope Winches		
Check the mounting screws for tight seating	✓	
Oil change		(3000hr)
Hoist Gear Brake		
Check the oil level	✓	
Oil change		(4000hr)
Drive Shafts		
Check flange bolts	✓	
Lubricate	✓	
Lattice Sections		
Check for cracks and damage	✓	
Guy Rods		
Check for cracks and damage	✓	
Relapse Supports		
Lubricate bearings	✓	
Relapse Cylinder		
Check pretension pressure (nitrogen)	NA	
Check oil level	NA	
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	✓	
Rope Pulleys		
Check for wear and damage	✓	
Lubricate rope pulleys	✓	
Crane Ropes		
Check, grease if necessary	✓	
Hook Blocks		
Grease hook	✓	
Check distance gap	✓	
Crane Cab		
Check filter insert water heater, replace if necessary	✓	
Crane Cab, Extendable or Inclinable		
Check for correct function	✓	
Lubricate bearings	✓	

Liebherr 1070 Service Schedule

Electrical System		
Check cable connections and battery acid levels	✓	
Fuel System		
Check condition and mountings	✓	
Drain off water and sediments	✓	
Slewing Gear		
Check the mounting screws for tight seating	✓	
Oil change	✓	(4000hr)
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	✓	
Check hydraulic oil, required degree of purity: 20/18/15 (take oil sample and have it checked, if necessary)	✓	
Hydraulic Pressure Accumulator (nitrogen)		
Check pretension pressures	✓	
Air Pressure System		
Check air drier granule elements, replace if necessary	✓	
Clean air drier preliminary filter	✓	
Central Lubricating System		
Check for correct function	✓	
Pneumatic Boom Lock		
Clean air filter with compressed air	✓	
Check locking pins	✓	
Lubricate locking pins	✓	
Telematik Telescopic Boom System		
Check telescopic cylinder for proper condition	✓	
Check push out rod for proper condition	✓	
Check locking pins and locking bores for proper condition	✓	
Check inner and outer sliding surfaces for proper condition	✓	
Safety Group		
LMI operational	✓	
Anti-two block operational	✓	
Boom length & angle indicators	✓	
Manual boom length & angle indicators	✓	
Level indicators	✓	
Emergency controls (E-Stops)	✓	
Operation & safety manuals	✓	
2 way radios condition / operation	✓	



Liebherr 1070 Service Schedule

OTHER NOTES:

LHR Clearance 1. aft - replace.

Completed by:

MA + LA

Name

Mechanic / Fitter

25-7-26

Position

Date

Sheldr

Name

27-7-26

Position

Date