

Crane Inspection Checklist

Inspection for used mobile and crawler cranes

Purchasing a used mobile crane over a distance is quite normal nowadays. However, travelling is not always possible and easy. Good to know there is a used crane inspection service available for many countries. To enable a structured inspection, Mevas-technicians are using a detailed inspection form for crane inspection.

The report form is, depending on crane type and size 2-3 pages long. All related items and components are listed. The inspector checks each component and notes his observation. Thus, a visual inspection of the individual assemblies is carried out. In addition, there is of course a function test. The individual functions of the crane are tested with the driver and one observes whether everything works well.

Get a sample for a crane checklist

If you request us to inspect a second-hand crane, we will be happy to send you a complete report for your perusal. There you can see whether we provide all the required data. Of course, we can adapt our inspection of a used crane to your requirements. [Click here](#) for a sample.

Where do we inspect cranes?

Mevas crane inspectors are available in Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Ireland, Croatia, Lithuania, the Netherlands, Poland, Romania, Sweden, Switzerland, Turkey and Slovenia, Slovakia, Bulgaria and Greece.

Contact us today for your inspection inquiry

Visit our website www.mevas.net for more details. Call our office for a quotation at +49 35206 39150. Detailed information about the crane inspections is also available at www.crane-inspectors.com.

Our Whatsapp number for inspection inquiries is +4917621858608.

Inspections for cranes of: Liebherr, Tadano-Faun, Grove, PPM, Locatelli, Terex, Manitowoc...



MEVAS		Form 1 10015	www.mevas.eu
Crane Inspection Report			
brand & model:	Liebherr LTM 1120	Chassis No:	W00555500L EL 05053
year of manufacturing:	1990	Inspector:	J Toresson
inspection date:	20170200	chassis mileage:	120572
safety check expires:		carrier hrs:	20049+10d1=27290
		crane hrs:	27838
Documentation	<input type="checkbox"/>	features / spec:	ab 2 pieces / 12m
CE certificate	<input type="checkbox"/>		
crane book	<input type="checkbox"/>		
ownership documents	<input type="checkbox"/>	extras / options:	3 pieces of counterweights
op manual / parts book	<input type="checkbox"/>		
carrier / chassis	condition	problems / comments	
chassis	good	several rusty spots	
outfitter cylinders	good	little oil leaks	
outfitter pads	good		
push out cylinders	good	little oil leaks on left side	
metal sheet	good	cosmetic repair recommended	
sleeves	good		
axles	good	front axle right final drives leaks oil	
suspension	good	one axle lift control knob does not work	
brakes	good	service and park brake work good	
steering & linkage	good	steering cylinder leaks oil and seals are loose left side	
emergency steering	good		
pneumatics	good		
hydraulics	good	some smaller leaks	
electric system	good	batteries are weak	
lights	working	missing mirror on right side	
gearbox	working		
carrier engine	11	Daimler-Benz 8 cylinder	
oil & fuel leaks	some	refarator is disassembled	
fluids & filters	good		
cooling system	working		
belt, pulleys	good		
blow by & smoke	Yes	engine is blowing	
exhaust, turbo		blue smoke (no turbo)	
carrier cab		cabin doors inside covers damaged	
structure		there is rust hole in to the cabin behind operator seat	
seats, interior		operator seat is worn out, see photos	
gauges, switches	Good		
windows, mirrors, wipers	Good		
air condition/heater	Good	No AC	

MEVAS		www.mevas.eu
Crane Inspection Report		
brand & model:		Chassis No: W00555500 L EL 05053
super structure	condition	problems / defects / remark
frame, chassis	good	
sheet metal, covers	good	some rust penetration
pumps, pump drive	good	
slew ring cond. & play	good	4 mm play
swivel drive & brake	good	
boom cylinder	good	
counterweight	good	smaller damage on the left side see photo
C/W lifting unit	good	
electric system	good	
pneumatics	good	
hydraulic system	good	
computers (LMLMB)	good	
maneuverability	good	
upper engine (crane)		lock for engine room cover is not working properly
oil & fuel leaks	None	engine oil is leaking from the top