

Inspection report		Date:
Brand / Type: Komatsu PC600LC-6K	Year of manufacture: 2002	09.09.2016
1. Machine Datas		
Hours	12.011	
Serial No.	K30005	
Weight / engine power	59400 kg / 286 KW	
2. Equipment		
Bucket volume	Type plate not readable, according measured dimension appr. 4,5m ³	
Sledge pipe	Yes	
Lubrication system	In carrier	
Air condition	Yes, but not running in reason of missing belt	
Additionally equipment	Pipe for grabber	
3. Documents		
CE	Yes	
Test book	No	
operating manual	No	
maintenance/ lub manual	No	
spare parts book	No	
electric / hydraulic drawings	No	
	Seller not sure if any document available in the office	
4. Visual inspection		
Boom	Ok	
Stick	Bent in the lower range	
Bumper	/	
Frame	Ok, some dents at the covering, rail broken and bent	
Cabin	Ok	
Engine	Missing belt for the chiller, no water in fluid reservoir, sump pan rusty	
Gear box / hydraulic engine	Ok	
Hydraulic / cylinder	Oil below the cab, probably from leaking valves or screwings / right boom cylinder leaking	
Bucket / attachment	Bearings with scratches, bolts not at the machine	
	Exhaust rusty and with a whole in the engine bay, much mud in engine bay,	
5. Drive / residual value		
Track drive	Tooth are already ellipsis / estimated residual value 40%	
Guide wheel	With scratches	
Chain	2 parts are bent, chain spanner estimated more than 50% of setting range	
Bearing	One idler roller deformed, some idler roller rusty, some already changed	

The expertise is made as exactly as possible according the condition at the inspection area and the assistance of an operator. Our liability is excluded from all claims of any nature, especially for any defects which have not been found or any defects after the inspection.

6. Function test	
Engine	Only running after changing of the battery, starter with problems, with some black smoke when engine has to work harder
Hydraulic function	Ok
Boom bearing shake	With middle bearing shake
Stick bearing shake	Ok
Bucket bearing shake	Could not be checked in reason bucket not mounted
Slewing ring shake / brake	High bearing shake / Ok
Drive	Ok
7. Remarks	
Additionally	One covering part below the carrier frame is level-free
	Teeth of bucket worn
	Damaged filter lying inside the hydraulic bay
	Engine oil is black and should be changed
	Seller said bolts for bucking should be available, but could not be found
	Sledge pipe could not be tested
	Display light of water was flashing during test, probably less water.
Main problems	Seller needed nearly 2 hours to start the engine, first battery empty, later starter only running in steps, probably gear of the starter damaged and starter has to be changed.
	Slewing ring with high bearing shake, when working smoothly no problem, when working roughly, cab with much shaking.
Summery	All function were working but starter should be changed for immediately working. If seller don` t find the bolts for the bucket it has to be renewed.
	Slewing ring bearing shake not fine for working, but depends on the operator and if there is a regulation in the working country.
	Estimated costs for new slewing ring including changing by a skilled garage in Europe appr. 15.000 Euro. Engine water has to be filled up and oil changed. Leakage below the cab should be sealed to avoid less hydraulic oil during working.