

**Ing.- und Sachverständigenbüro
Graduated Engineer Martin Glomb**

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Inspection report		Date:
Brand / Type: LTM 1225	Year of manufacture: 1996	19.01.2012
1. Crane Datas		
km	69.158	
hours	4.320 carrier / 11.301 upper	
Serial No.	0022885	
Chassis No.	W09666500VEL05065	
max. lifting capacity in t	225	
main boom	60m	
extension	63m luffing jib / 42m fixed jib / 22,8m swing away jib	
hooks	Single line hook, 1-sheaved, 3-sheaved, 7-sheaved	
counterweight	65t + 15t	
winch	2	
additional equipment upper	reeving winch, central lubrication	
drive	12x8x10	
tyres	16.00 R25	
additional equipment chassis	Telma, spare wheel	
TÜV / SP		
UVV		
additional remarks	Crane looks in a good shape according it`s age	
2. Documents		
car licence		
crane book		
load charts		
operating manual		
maintenance/ lub manual		
spare parts book		
electric / hydraulic drawings		
additional remarks		

The expertise is made as exactly as possible according the condition at the inspection area and the assistance of the crane driver. 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.

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3. Condition Chassis	Remarks / Problems:
engine	o.k., a little bit sweating at the seal of the oil sump
cooling	o.k.
gearbox	o.k., looks like the oil at the bottom is coming from the filter housing above
transfer box / auxiliary box	o.k.
pumps	o.k.
cardan shaft	o.k.
axles	- axle 2 is changed against another used one - axle 1 and 2 probably oiled from screwing above
suspension	the rubbers of nearly all axle struts are cracked
tyres	tread depth left (mm): 5/27/20/5/15/4
	tread depth right (mm): 26/27/15/15/10/20
steering	- 4 steering cylinder are leaking - the rubber of the bearing of one steering rod and one cylinder is cracked - the hydraulic steering rod is rusty in the surface of the cylinder rod
frame	o.k.
covering	o.k.
cab	o.k.
outriggers / cylinders	2 cylinders are leaking, 1 cylinder with a crack
electric system	o.k.
hydraulic system	Housing of the hydraulic filter is oiled, probably from the screwing
pneumatic system	o.k.
additional remarks	Crane is only with little rust according it's age in the carrier range and with no problems during driving at the yard. Looks like some wet ranges at the slewing ring were caused by rain one day before. The reason for the wet frame above left side axle 6 is not clear, perhaps from the hydraulic tank.
4. Condition Upper	Remarks / Problems:
Engine / cooling	o.k.
pumps	o.k.
frame	o.k.
covering	o.k.
cab	o.k.
boom	o.k., 3 sheaves are with little cracks
luffing cylinder	o.k., a dark point at the rod looks like there was a repairing before
telescopic cylinder	leaking
Extension / luffing jib	o.k., the cylinder of the assembly section mast is leaking
winch rope	o.k.
hooks	o.k.
counterweight	o.k.
slewing bearing shake	0,1 mm => o.k.
electric system	o.k.
hydraulic system	o.k.
additional remarks	