

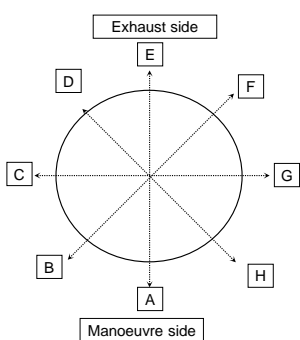
Inspection and Repair report Piston

Vessel / Hull no.:	Recon Crown 6. KS	Engine type:	Wichmann
Owner / Yard:		Engine serial no.:	
Service Engineer:	Stefan Munch	Return goods no.(H -no.):	
Piston operating hours:		Part no.:	
		Drwg. No.:	
		Date:	27-maj-14

Visual inspection:	Piston Skirt:	OK <input type="checkbox"/>	Repairable: <input type="checkbox"/>	Scrap: <input type="checkbox"/>	Remarks
	Piston Top:	OK <input checked="" type="checkbox"/>	Repairable: <input type="checkbox"/>	Scrap: <input type="checkbox"/>	
MPI / Crack test:	Piston Skirt:	OK <input type="checkbox"/>	Repairable: <input type="checkbox"/>	Scrap: <input type="checkbox"/>	
	Piston Top:	OK <input checked="" type="checkbox"/>	Repairable: <input type="checkbox"/>	Scrap: <input type="checkbox"/>	

Measurements of ring grooves and gap between Skirt and Crown

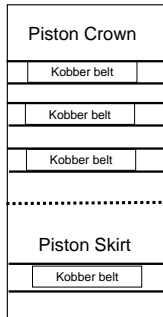
Meas. Pos.	Top ring	Ring no. 2	Ring no. 3	Ring no. 4	Gap	Ring no. 5	Ring no. 6	Ring no. 7	Ring no. 8
A:	8,26	8,24	8,19	8,21					
B:	8,31	8,26	8,19	8,19					
C:	8,31	8,21	8,21	8,19					
D:	8,31	8,22	8,21	8,21					
E:	8,39	8,21	8,20	8,19					
F:	8,31	8,20	8,19	8,19					
G:	8,26	8,24	8,19	8,21					
H:	8,25	8,23	8,19	8,19					



The piston must be cleaned properly before controls and measuring.

When dismantling and assembling, please refer to engine manufacturer procedures.

For Nominal values, Allowable values and Tolerances, please refer to the engine Service Manual or the part and drawing no. for the piston involved.
 Ring groove MAX 8,45 mm.
 GAB New 0,07 mm
 All measurements in mm.



The piston is scraped when diameter of piston skirt and crown exceeds the diameter of the kobber belt

Measurement of kobber belt				
	E	G	A	C
Belt 1:				
Belt 2:				
Belt 3:				
Belt 4:				

Conclusions after measuring

Piston skirt:	OK <input type="checkbox"/>	Repairable <input type="checkbox"/>	Scrap <input type="checkbox"/>
Piston Top:	OK <input checked="" type="checkbox"/>	Repairable <input type="checkbox"/>	Scrap <input type="checkbox"/>
Ring Groove	OK <input checked="" type="checkbox"/>	Repairable <input type="checkbox"/>	Scrap <input type="checkbox"/>

Gudgeon Pin Bore

	Left	Right
Horizontal:		
Vertical:		
Surface:	OK: <input type="checkbox"/>	OK: <input type="checkbox"/>
	Repairable <input type="checkbox"/>	Repairable <input type="checkbox"/>

Machining of Crown & Skirt surface

	Crown	Skirt
MM.		41,05

Remarks

Piston Crown machined inside,

No numbers stampet on piston crown