

Scavenge Inspection Report

Vessel: M.V. AQUA BONANZA Hull no.: WE23 Vessel Type: Cargo Local Start Time: 02-Jan-2022 06:35

Time Zone: +01:00 Local End Time: 02-Jan-2022 08:35 Time Zone: +01:00 Form No.: TOM 87

IMO No. 9576753

Engine

Maker: NK CO., LTD. Model: 32.1.4.03.02 Licence: ABC Serial No.: 12462

MCR: 2495 Speed at MCR: 75 r/min Bore: 740 mm Stroke: 1030 mm

Turbocharger(s)

Maker NK CO., LTD. Model 32.1.4.03.02

General Data			
Total Running Hour:	200 hrs	Position:	Exhaust
Cylinder Oil type:	ALEXIA 50	Cylinder Oil feed rate:	54.7 g/KWh
Normal service load in % of MCR:	64%	Inspected by (Rank):	Supervisor
Scrubber:	ABC	Fuel Sulphur %:	53.5%

Piston Surfaces	
No.	Piston crown
1	CI
2	CI
3	CI
4	CI
5	CI
6	CI
Mean	

Legend:-[CI-Clean, C-Carbon, BU- Burning, LO-Leakage Oil, LW-Leakage Water]

Deposits					
No.	Topland	Ringland 1	Ringland 2	Ringland 3	Ringland 4
1	LC	LC	LC	I	I
3	LC	I	I	I	I
Mean					

Legend :- [I - Intact, LC- Carbon , BO - Broken opposite ring gap, BN - Broken near ring gap, SP - Several pieces, M - Entirely missing]

Ring Breakage					
No.	Ring#1 (RB)	Ring#2 (RB)	Ring#3 (RB)	Ring#4 (RB)	Ring#5 (RB)
1	I	I	I	I	I

3	I	I	I	I	I
Mean					

Legend :- [I - Intact, C - Collapsed, BO - Broken opposite ring gap, BN - Broken near ring gap, SP - Several pieces, M - Entirely missing]

Ring Movement					
No.	Ring#1 (RM)	Ring#2 (RM)	Ring#3 (RM)	Ring#4 (RM)	Ring#5 (RM)
1	L	L	L	L	L
2	L	L	L	L	L
3	L	L	L	L	L
4	L	L	L	L	L
5	L	L	L	L	L
6	L	L	L	L	L
Mean					

Legend :- [L - Loose, SL - Sluggish, ST - Stuck in groove]

Deposits - Sludge			
No.	Under piston space	Scavange air receiver	Flaps & N/return V/v
1	LS	LS	LS
2	LS	LS	LS
3	LS	LS	LS
4	LS	LS	LS
5	LS	LS	LS
6	LS	LS	LS
Mean			

Legend :- [LS - Little Sludge , MS - Much Sludge, M - Moveable, NM - Not Moveable]

Surface Condition									
No.	Ring #1 (SC)	Ring#2 (SC)	Ring#3 (SC)	Ring#4 (SC)	Ring#5 (SC)	Piston Skirt (SC)	Piston Rod (SC)	Cyl. Liner abv scav. ports (SC)	Cyl. Liner near scav.ports (SC)
1	Cl	Cl	S	Cl	Cl	Cl	Cl	Cl	Cl
3	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl
Mean									

Legend :- [Cl-Clean/Smooth,S-Scratches(vertical),mz-Micro-seizures (local), MZ- Micro-seizures (all over), MZA - Micro-seizures Still active MZ, MZO - Micro Seizures Old, WR-Wear ridges bottom,SC - Scuffing,CL-Coverleaf wear,CO -Corrosion]

Lubrication Condition								
No.	Ring#1 (LC)	Ring#2 (LC)	Ring#3 (LC)	Ring#4 (LC)	Ring#5 (LC)	Piston Skirt (LC)	Piston Rod (LC)	Cylinder Liner (LC)
1	N	N	N	N	N	N	N	N
3	N	N	N	N	N	N	N	N
Mean								

Legend :- [N - Normal , O - Too much Oil, OB - Black Oil, D-Slightly dry, DD - Very dry]

Remarks	
No.	Unit No.
1	
2	
3	
4	
5	
6	
Mean	

For vessels with ABS-BS5, this report should be attached to the respective work order.

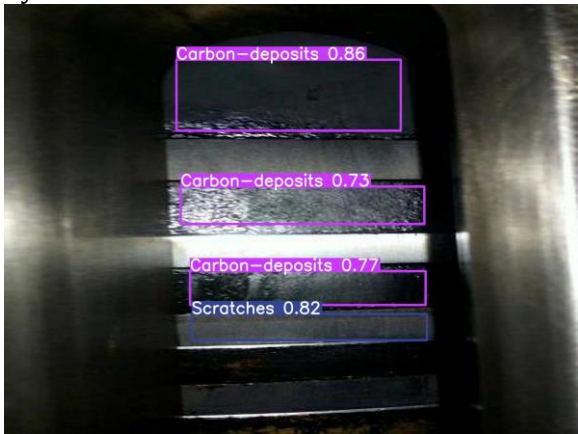
Comments

Ship Remarks

Office Remarks

Detected Defects

Cylinder 1



Cylinder 3

