KOBELCO INTERNATIONAL (S) CO., PTE. LTD
30, Pioneer Crescent #03-15,
Westpark BizCentral
628530
Tel: (65) 6268 1308
Fax: (65) 6268 2490 Singapore

Machine Assessment Report

Ref: KMISR20240112

Date: 12 Jan 2024
Machine model: CKE700-1F
Serial No: GG05-04445
Engine No: HINO J08ETM22029
Hour Meter: 33,008
YOM: 2011
Location: KL Malaysia
Crane Configuration: Standard crane

Conduct crane inspection finding for above mention crane model
CKE-700-1F, Serial No: GG05-00045 at customer premises KL Malaysia.
Present crane has an equipped with standard crane configuration main boom 27.4m, Auxiliary sheaves with 32t main hook 4 parts lines, Aux ball and full counterweight.

Upper machine



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Operator cabin

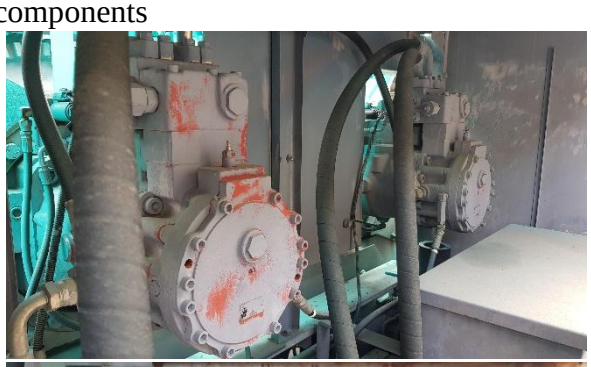
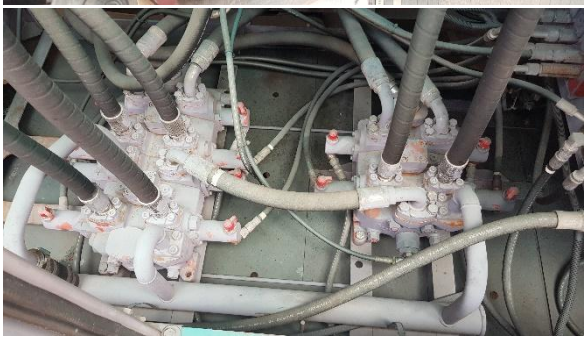







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Hydraulic components

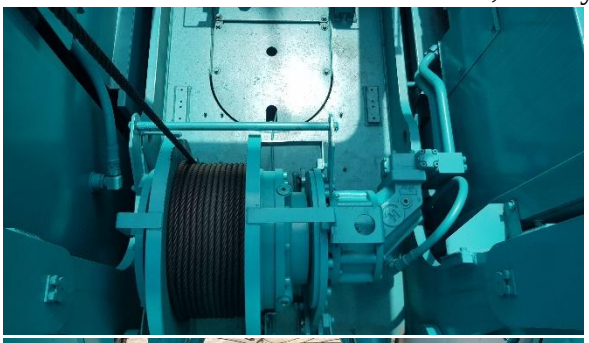

Engine



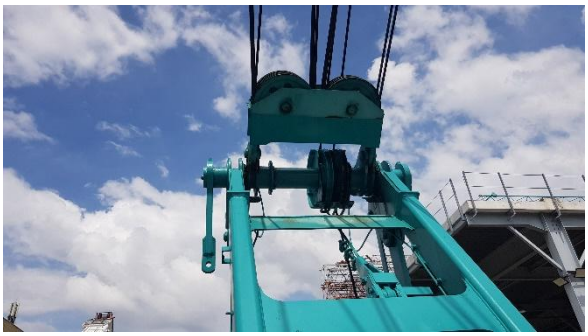



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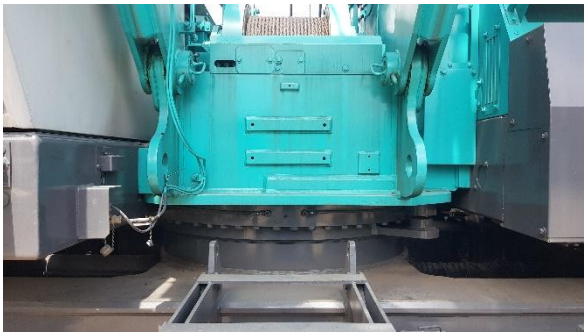
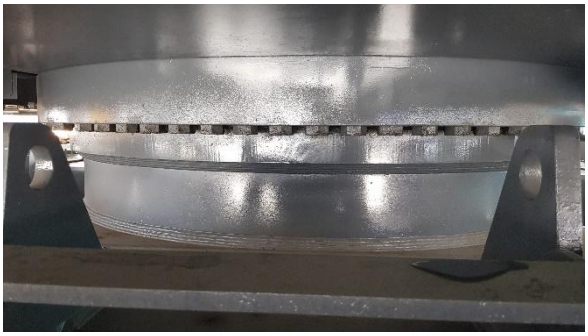
Drums, Gantry and Spreader





Lower structure

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Lower machine crawler track (L)



Lower machine crawler track (R)



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Conclusion & Comments

The machine is clean and tidy, the crane operation system is in order as manufacture standard, the electrical circuit such as Moment limiter Auto stop is well function.
Crane operation performance such as winch hoist and lower is smooth and well function for trimmer control. Swing control and brake function is smooth. Propel control is smooth and speed selective control is in order. No major abnormal found during machine inspection.
Overall, the existing crane is in well excellent condition.

Refurbish service task

Conduct engine servicing changed of engine filters elements, air filter and engine oil
Removed hydraulic main pump send to third party for overhaul with calibrate
Rebuild under carriage, build up idler and sprocket and crawler track guide bar
Servicing of drum lock cable (Fr, Re and boom)
Clean fuel tank, drained fuel for clean wash
Replace defect solenoid valve
Replace new engine muffler
Rectified front drum trimer control
Servicing wiper motor
Servicing operator seat
Reseal gantry cylinder
Servicing Coupling
Replace Aux Wire Rope
Servicing of air conditional
Mudguard & touch up painting

Inspected by
Liew Kim Foo (KISCO Service Engineer)

Date: 12/1/2024