

Assign Wo	:	7167755	47238
Site	:	Wahana Site	515036
Unit No	:	GR1211	Cat 16M
Maint Type	:	N7542-R	Hyd Cyl Steer RIGHT

Complaint

Schedule SMU	:	14000	Completed SMU	6851
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Details

R&R CYL STEER RIGHT

Cost Reviewed

Flat Rate	:	13810825	Currency	IDR
Add.I Parts	:		Total Cost Before	: 47686094
Parts	:	29086282	Saving Cost	: -29086282
Labour	:		Total Qoute Rev	: 18599812
Cosumable	:		TCI Supply	:
Other	:	4788987	Total Cost	: 18599812
New Price				64055466

Strip Down Finding

- Rod: need rerod. Rod bending 1.55 mm. Surface chrome scratch and wearout dimension.- Cylinder: Surface id tube scratch, rusty and dimension limit maximum tolerance.- Rod end: Surface clavis abrasive and corrosive. Hole clavis defect step, corrosive and dimension over 0.40 mm out of tolerance. Chrome area RE condition defect abrasive.- Eye barrel: Surface clavis and inner face defect. Hole clavis roughtcorrosive.- Gland: Groove gland kit"s corrosive.- Piston: make new. Surface piston scratch.- Nut: replace. Hex 1 - 14 G. self locking area wear out.- Sensor gp: Sensor bending. Magnet crack, Carrier and Retaining OK.- Ball stud: Bearing,stud ball out of std. Plug and snap ring defect. Cover and Nut nothing.

Maintenance Failure

☐ Mechanical ☐ Electrical

Root Cause	:	07	Operator Msuse
Recommendation	:	MR3	Follow Correct Procedure
Failure Code	:	MSF10	Others

Evaluation Code	Route	Costing

Materials Reviewed

<input type="checkbox"/> Work Order	<input type="checkbox"/> CFI	<input type="checkbox"/> SOS/CTS
<input type="checkbox"/> Installation Checklist	<input type="checkbox"/> Component History	<input type="checkbox"/> WO History 12 Months
<input type="checkbox"/> Downtime Report Last 3 Months	<input type="checkbox"/> S.O.S	<input type="checkbox"/> ECM Download
<input type="checkbox"/> Component Change Out History	<input type="checkbox"/> Oil Top Up History	<input type="checkbox"/> Operator Interview
<input type="checkbox"/> Previous WO	<input type="checkbox"/> Operation Condition Report	<input type="checkbox"/> Incident Notification Report
<input type="checkbox"/> Sevice Board History Last 2000SMU	<input type="checkbox"/> Previous OP	<input type="checkbox"/> Incident Investigation Report
<input type="checkbox"/> Photo	<input type="checkbox"/> Written Instruction	<input type="checkbox"/> Failure Analysys

Investigation

When	What	Details
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Action Taken/Suggestion

Replace CYL STEER RIGHT and send to AFS for recondition.

Conclusion

Full rebuild CYL STEER RIGHT.

Evaluated By : Lutfi Syafiq

Evaluated Date : 11/20/2023 12:00:00 AM

Plant Superintendent	Plant Ops. Superintendent	PlantManger
Date :	Date :	Date :