



# MERCANTILE MARITIME SOLUTIONS PTE LTD

Company Reg. No. 201419851N

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Tel : (+65) 6220-4882  
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## ALPHA LUBRICATOR OVERHAULING REPORT

JOB NO	: 1604079	TYPE	: KAWASAKI B&W 7S80MC-C
CUSTOMER	: _____	DATE INSPECTION	: 6/3/2016
VESSEL	: _____	CUSTOMER W/O NO	: 2090-E-16-804 (91022230)
PREPARE BY	: Maung	CUSTOMER REQUIRE	: <input type="checkbox"/> Normal Time
DESCRIPTION	: 14 nos of Alpha Lubricator Cylinder overhauling		: <input checked="" type="checkbox"/> Urgent Time

### Overhaul of Alpha Lubricator Assy 14-units

- Dismantle
- Cleaning and inspection.
- Assemble back with new spare parts.

### Replacement of inlet accumulator 7-units

- Dismantle
- Assemble with new accumulator

### Replacement of outlet accumulator 7-units

- Dismantle
  - Assemble with new accumulator
- (New accumulator is not necessary recharging work and the life time is five years.)

### Overhaul of Alpha pump station

#### Motor overhaul –

- Motors were overhauled by vessel engineer before docking
- Spider Coupling Housing dismantled and renew Spider



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- Gear pump
- Dismantle
- Cleaning and inspection
- Assemble with new spare parts

## Pick Up Sensor

It was checked clearance and confirmed LED (D90/D91) were light on at the top dead center of the No,1 piston. It is in normal condition.

## Rotary encoder

it was tested and confirmed LCD (D88/D89) were light on at the top dead of the No,1 piston.  
It is in normal condition

REMARK
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- a) All Solenoid valves are recommended to renew on her next Docking
- b) Please order one unit of Lubricator for emergency spare



Remove and visual inspect the



Dismantling the Lubricator Units



After Re-assemble the Cylinder



Renew Seals for Gear Pumps



Re-new all Accumulator



Condition of the Piston

Confidential





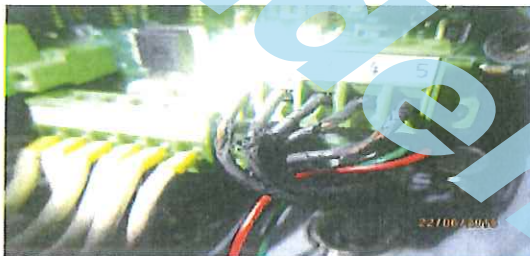
Found 1 Spider Coupling broken



After Re-new the Spider



Check the Rotary Encoder - Mounting condition and coupling condition



Found wires in Intermediate box are



Motor are overhaul by vessel engineer