

Equipment - Component  
Equipments on [REDACTED] - Unspecified Jacking System Bow leg  
chord #3 Gearbox #4 primary [REDACTED]

Site/Vessel Name - Code  
[REDACTED]

Customer  
[REDACTED]

Manufacturer - Model  
Unspecified - Unspecified

LubeAnalyst Code  
[REDACTED]

Registered Lubricant  
Omala S2 G 680





## Diagnosis


Viscosity is observed to be on the higher side. Sweetening of system oil is required to improve the viscosity of the oil.

Action

### Sample Information

Sample Number	9110112584	9110110483
Sample Condition		
Sample Date	<b>28/Nov/2019</b>	<b>10/Dec/2018</b>
Sample Received	09/Jan/2020	14/Jan/2019
Sample Completed	09/Jan/2020	15/Jan/2019
Lubricant in use	Omala S2 G 680	Omala S2 G 680
Equipment Life		
Lubricant Life		
Top-up Volume		

### Physical Characteristics

Viscosity 40°C cSt	 1099.0	1001
Appearance	Dark	Dark
Flash Point (Setaflash) °C	>180	>180
TAN (D 664) mg KOH/g	1.23	1.27

### Wear

Iron (Fe) ppm	125	92
Chromium (Cr) ppm	0	2
Tin (Sn) ppm	0	4
Lead (Pb) ppm	2	0
Copper (Cu) ppm	1	0
Nickel (Ni) ppm	1	2
Aluminium (Al) ppm	0	3
Vanadium (V) ppm	0	0
Silver (Ag) ppm	0	0
Titanium (Ti) ppm	0	0

### Contamination

Water Content (Aquatest) %	<0.05	<0.05
Sodium (Na) ppm	0	0
Silicon (Si) ppm	6	4
Potassium (K) ppm	0	0

### Additives

Calcium (Ca) ppm	21	20
Zinc (Zn) ppm	22	18
Phosphorus (P) ppm	183	198
Barium (Ba) ppm	2	3
Molybdenum (Mo) ppm	7	2
Magnesium (Mg) ppm	0	3
Boron (B) ppm	0	4

Graphs

