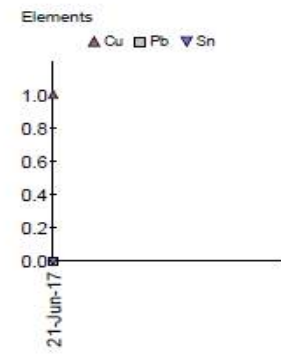
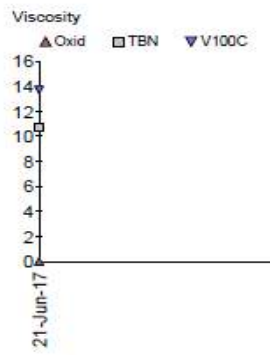


Account Number :
 Account Name : Korea Ocean Energy Co., Ltd
 IMO Number :
 Vessel Name :
 Equipment Number :

Date :
 Description :
 Application Type :
 Manufacturer :
 Model :
 Registered Lubricant :

Comments: No action is required on oil or engine. - Results are within acceptable ranges. - Examine progressive changes and monitor results for changing trends. - Sample at next scheduled interval.

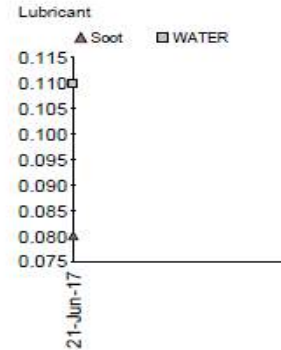
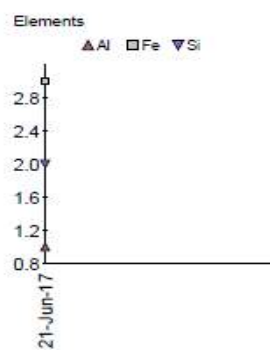
Sample Data	
Sample ID	
Date Sampled	
Date Reported	
Date Received	
Date Landed	
Port Landed	
Lubricant Tested	
Total Equip. Hrs.	
Hrs Sin. Overhaul	
Oil Service Hrs.	
Oil Vol.	
Oil Used / 24 Hrs.	



Sample Data	
Sample ID	
Date Sampled	

Wear Elements - ppm (mg/kg)	
Ag (Silver)	
Al (Aluminum)	
Cr (Chromium)	
Cu (Copper)	
Fe (Iron)	
Mo (Molybdenum)	
Ni (Nickel)	
Pb (Lead)	
Sn (Tin)	

Lubricant Data	
Contamination	Normal
Equipment Rating	Normal
Oil Rating	Normal
Visco@100C (cSt)	
SAE Viscosity	
Oxidation (Ab/cm)	
PQ Index	
Soot (Wt%)	
TBN (mg KOH/gm)	
Water (Vol%)	



Contaminant Elements - ppm (mg/kg)	
B (Boron)	
K (Potassium)	
Na (Sodium)	
Si (Silicon)	
V (Vanadium)	

Additive Elements - ppm (mg/kg)	
Ba (Barium)	
Ca (Calcium)	
Mg (Magnesium)	
P (Phosphorus)	
Zn (Zinc)	

Normal **+Caution** *** Alert**

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