

Customer Code : **8888**

Unit ID Number : **SGD COMP**

Customer Name : **ABC Manufacturing Co.,Ltd**
 Address : 123 Sukhumvit Road , Map Ta Phut Rayong 21150

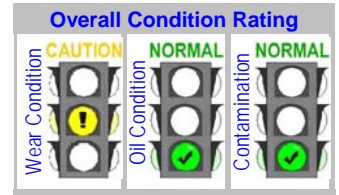
Unit Type : Compressor Nat Gas
 Unit Make : ARIEL
 Unit Model : JGK 4

Test code : 89401

Oil type / Viscosity : CALTEX HDAX LOW ASH SAE 40

Lube System Capacity :

Site Name :
 Location :



		Current Sample		Previous Sample				Alarm Limit Range						
FocusLab ID		68334		66838		64292		Limit Name (Equipment / Oil) :						
Date sampled		11-Dec-06		10-Nov-06		24-Sep-06		Comp Nat Gas Ariel JGK4 HDAX LA 40 (SBM)						
Hours on Oil		1031		558		64								
Hours on Unit		45133		44660		44166								
Bottle ID		858340		855063		855057								
Particle Count							NAS 1638: Number of Particles Per 100 Milliliter (Counts/100ml)							
Size Range	No. of Particles	Class	No. of Particles	Class	No. of Particles	Class	New Oil	U-Caution		U-Action				
5-15 microns	53,200	8	20,500	7	26,300	7								
15-25 microns	4,800	7	1,900	6	2,400	6	<8		<9		<10			
25-50 microns	1,400	8	500	7	700	7								
50-100 microns	100	7	<100	6	<100	6								
>100 microns	<100	6	<100	4	<100	4								
Particle Count							ISO 4406:1999: Number of Particles Per Milliliter (Counts/ml)							
Size Range	No. of Particles	Class	No. of Particles	Class	No. of Particles	Class								
>4 microns	1,587	18	612	16	783	17								
>6 microns	446	16	172	15	221	15								
>14 microns	62	13	24	12	31	12								
ISO 4406 Result	18/16/13		16/15/12		17/15/12									

Recommendations and Notes

Particle count shows oil cleanliness level acceptable.

Option Test: Varnish Potential Index™ (VPI™), Testing for Predicting Varnish and Varnish build up

VPI™ Value Condition	VPI™ Severity Limit Range Guideline					
	New Oil	U-Caution		U-Action		
250 200 150 100 50 0	250 200 150 100 50 0	250 200 150 100 50 0	250 200 150 100 50 0	250 200 150 100 50 0	250 200 150 100 50 0	250 200 150 100 50 0

Option Test: RUL (Remain Useful Life), Testing for monitoring Percent Remaining Anti-Oxidant (AO) by ASTM D-6971

% Remaining Antioxidant Additive	RUL Severity Limit Range Guideline		
	New Oil	U-Caution	U-Action
	100	<50	<25

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Unit Model: JGK 4

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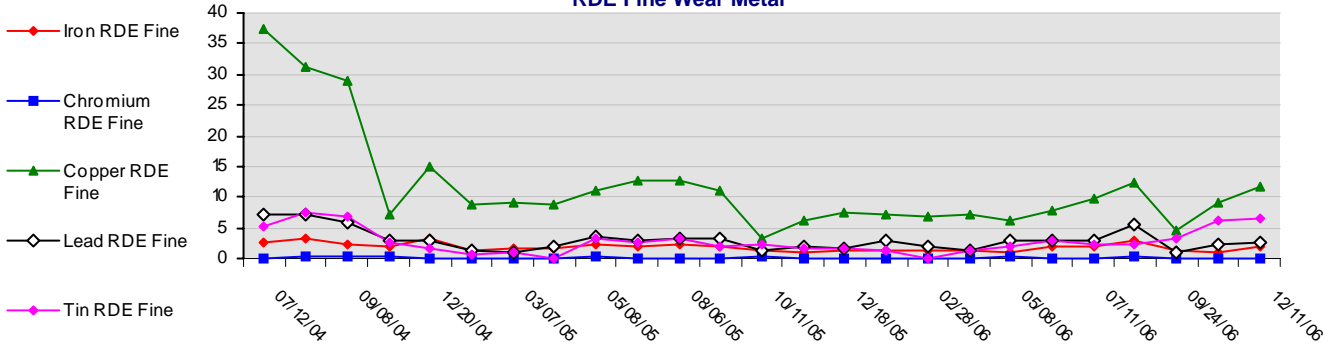
Site Name :

Location :

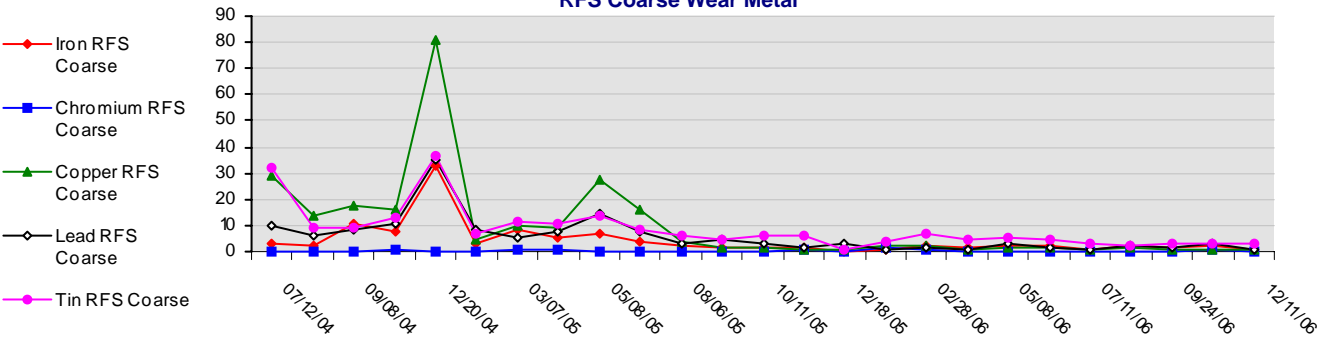
Lube System Capacity :

Wear Condition

RDE Fine Wear Metal

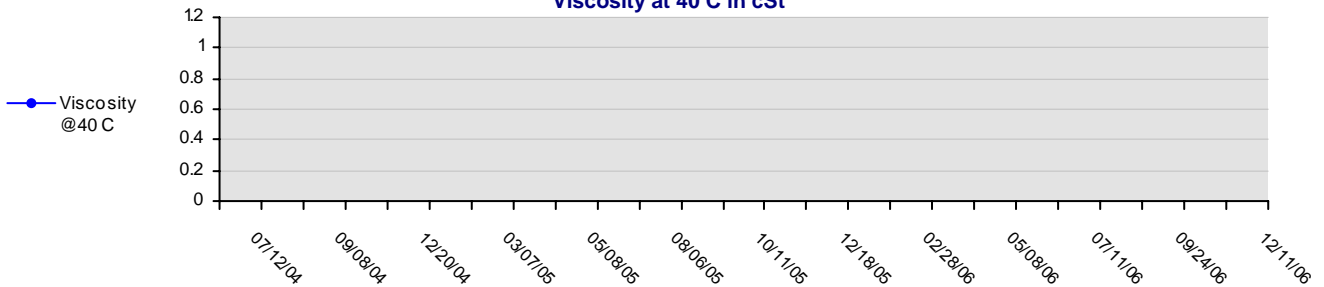


RFS Coarse Wear Metal

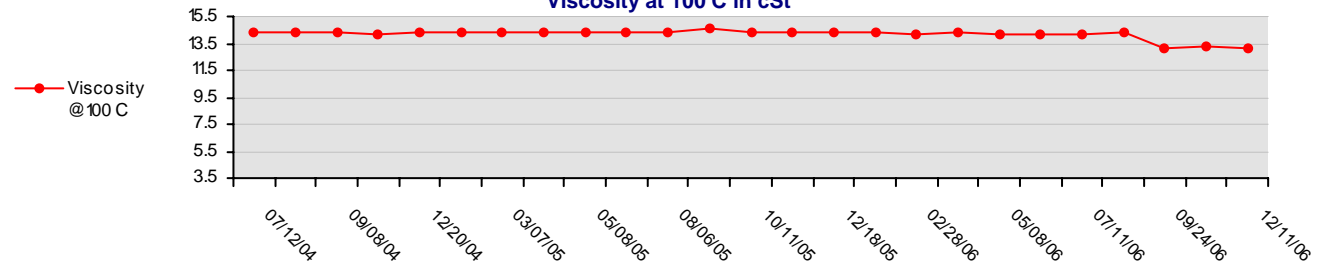


Oil Condition

Viscosity at 40 C in cSt



Viscosity at 100 C in cSt



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 Unit Model: JGK 4

Oil type / Viscosity : CALTEX HDAX LOW ASH SAE 40

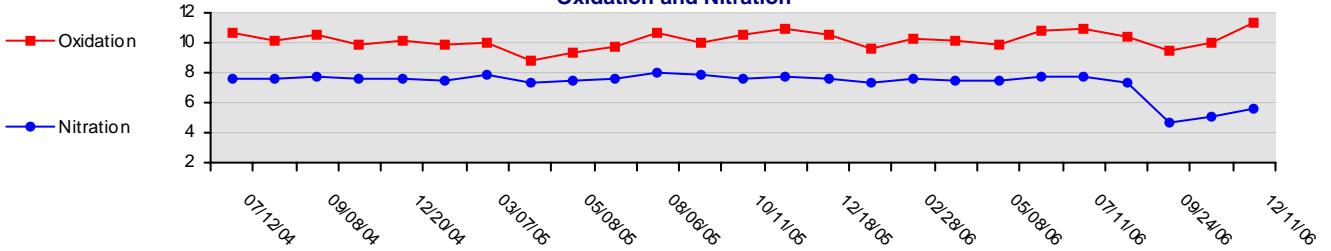
Site Name :

Location :

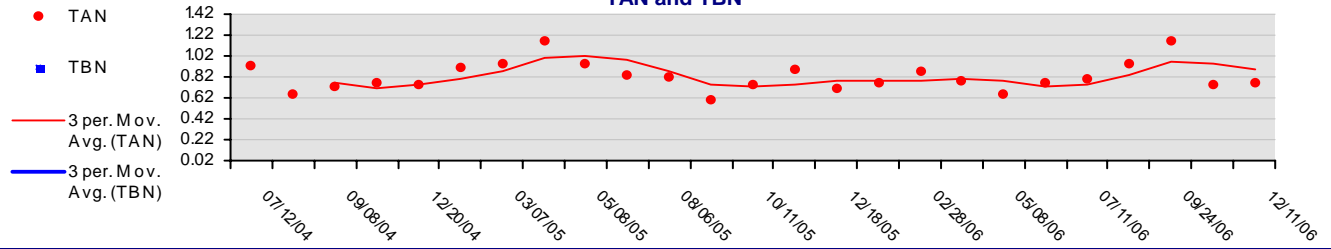
Lube System Capacity :

Oil Condition

Oxidation and Nitration

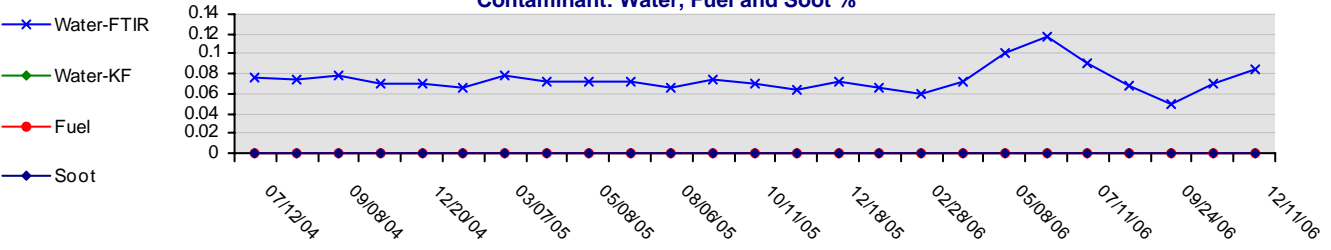


TAN and TBN

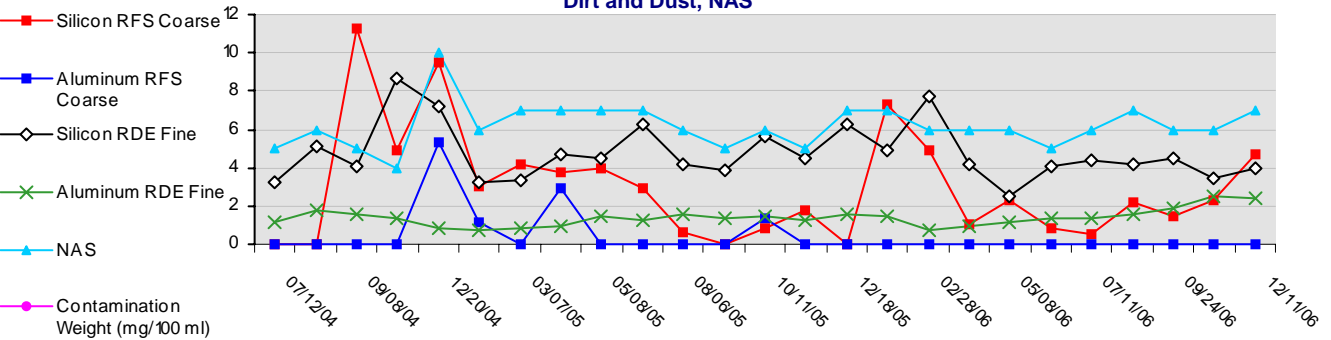


Contamination

Contaminant: Water, Fuel and Soot %



Dirt and Dust, NAS



Others

VPI and AO Additives

