

C Code : **88888**  
 U S Name : **ABC Manufacturing Co., Ltd.**  
 T O M E R Address : 123 Sukhumvit Rd., Sriracha  
 Chonburi 20230  
 R Site :  
 Location :  
 Test code : 892 912 913


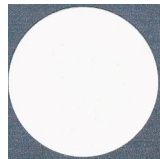
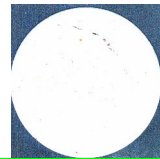
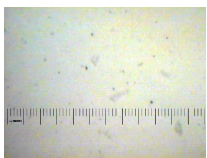
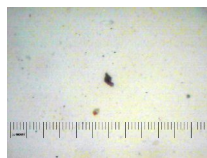
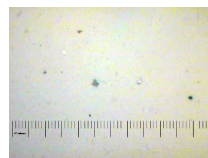
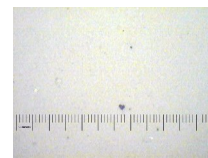
Unit ID : **COM 01 LUBE OIL RESERVOIR**  
 Unit Type : Compressor Centrifugal  
 Unit Make : MHI  
 Unit Model : (not given)  
 Oil type / Viscosity : SHELL TURBO J 32  
 Oil System Capacity : 13000 Liters

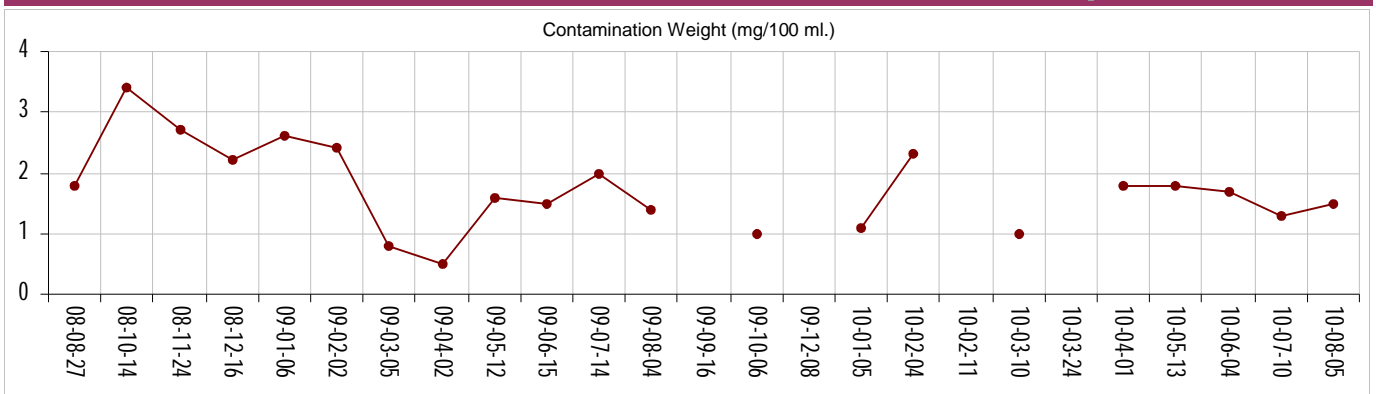
**Overall Condition Rating**

Wear Condition	NORMAL	NORMAL	NORMAL
Oil Condition	OK	OK	OK
Contamination	OK	OK	OK

**Notes (Finding, Evaluation, Interpretation, Suggestion and Recommendation)**

Gravimetric analysis (photos shown) indicate oil is clean.

	Current Sample		Previous Sample		
<b>Lab ID</b>	141375		139901		 (Mod. ASTM D-4898)
<b>Bottle ID</b>	919538		919217		
<b>Date Sampled</b>	05-Aug-10		10-Jul-10		
<b>Oil Hours (Kms)</b>	40714		40210		
<b>Unit Hours (Kms)</b>	Not Given		Not Given		
<b>Oil Added (Liters)</b>					
<b>Filters Hours (Kms)</b>					
<b>Contamination</b>					
<b>Gravimetric Analysis : Test Method for Insoluble Contamination of Fluid</b>					
Fluid Volume	10 ml		10 ml		10 ml
Filter Type	0.8 micron		0.8 micron		0.80 micron
Photo of Insoluble Contamination Retained on Filter Membrane Disc					
Photo of Insoluble Contamination Retained on Filter Membrane Disc					
Photo of Insoluble Contamination Retained on Filter Membrane Disc - Magnification 100x					
Photo of Insoluble Contamination Retained on Filter Membrane Disc Magnification 100x					
Contaminant Retain on Filter Disk	% Visual Rating	% Visual Rating	% Visual Rating	% Visual Rating	% Visual Rating
Grey & Black Metal	10	10	10		
Copper Base Metal					
Bright & White Metal					
Rust & Corrosion					
Dirt & Dust	90	90	90		100
Fibers / Filters / Seals					
Sludge & Varnish					
Contamination Weight (mg/100 ml)	1.5 mg/100 ml		1.3 mg/100 ml		1.7 mg/100 ml
					TNO 1.2 Caution >8 Warning >10



**Gravimetric Analysis:**  
 - determines total solid and soft compound contamination level by weight  
 - identifies particle contamination in oils by microscopic analysis  
 - determines oil contamination level by colorimetric (color density)  
 In brief , will analyze oil cleanliness and source(s) of contamination.