
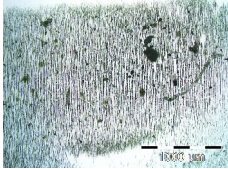
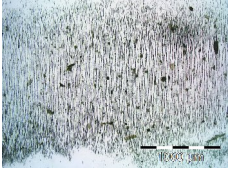
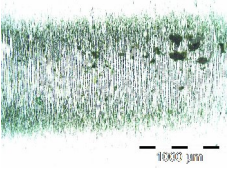
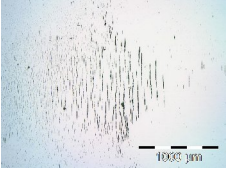
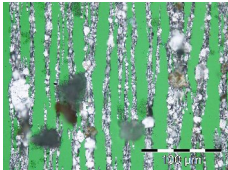
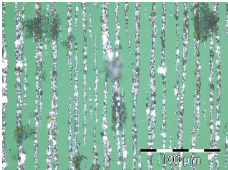
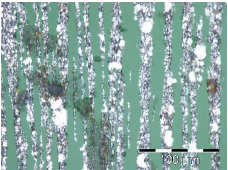
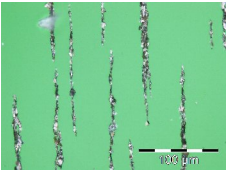
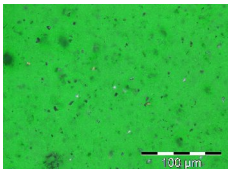
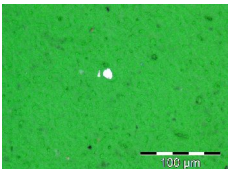
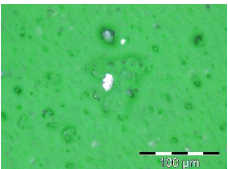
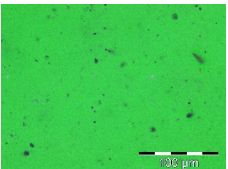


C Code : **11012**
 U S Name :
 T O M E R Address : 5,1-7 Rd., Map Ta Phut Industrial Estate
 Muang, Rayong 21150
 Site :
 Location :
 Test code :

Unit ID : **A 5101**
 Unit Type : Gearbox General
 Unit Make : PARAMAX
 Unit Model : PX8100R3-RL-V-40
 Oil type / Viscosity : SHELL OMALA 320
 Oil System Capacity : 120 Liters

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

Amount of visible ferrous particles, is normal, compared to the other similar samples.
 Trace amount of black oxide and fatigue wear and not likely to indicate a problem.

	Current Sample		Previous Sample									
Lab ID	147191		144814	142900								
Bottle ID	924713		923573	921056								
Date Sampled	26-Oct-10		24-Sep-10	27-Aug-10								
Oil Hours (Kms)	Not Given		Not Given	Not Given								
Unit Hours (Kms)	Not Given		Not Given	Not Given								
Oil Added (Liters)												
Filters Hours (Kms)												
Wear Condition												
Ferrographic Analysis												
Volume of Sample Used	3.00	ml	3.00	ml	3.00	ml	Typical Normal Ferrography					
Image of Wear & Contaminants (Ferrogram) Magnification 500X												
Image of Wear & Contaminants (Ferrogram) Magnification 500X												
Image of Wear & Contaminants (Filtergram) Magnification 500X												
Wear & Contaminants Particles	%Rating	Size (Micron)	Particle Type	%Rating	Size (Micron)	Particle Type	%Rating	Size (Micron)	Particle Type	%Rating	Size (Micron)	Particle Type
Normal Rubbing Wear	70	2-3	F	80	2-3	F	80	2-3	F	95	2-3	F
Fatigue Wear	10	10-20	F	5	5-10	F	5	10-20	F			
Fatigue Sphere												
Severe Sliding Wear												
Cutting Wear												
Black Oxides	10	10-20	F	5	5-10	F	5	10-20	F			
Red Oxides												
Corrosive Wear												
Dirt and Dust	10	10-50	C	5	10-50	C	5	10-50	C	5	3-5	C
				5	3-5	N	5	3-5	N			
Ferrographic Analysis Rating (FAR)	C											
Rating in Grade												

%Rating : Percent area covered by wear debris particles or contaminant particles
 Size : Size in micron (0.001 mm) unit of wear debris particles or contaminant particles
 F : Ferrous Wear Particle, N : Non-ferrous Wear Particle, C : Contaminant Particle
 Ferrogramic Analysis Rating (FAR) Rating in Grade :
 A : Excellent clean, B : Good clean, C : Fair condition,
 D : Serious Condition, F : Extremely serious condition