

Customer Code : 22021

Unit ID Number : Duplex 2 Gear Reducer

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

Unit Type : Gearbox
Unit Make : Flender
Unit Model : B 3 FH 13




Test code : 804 909 912


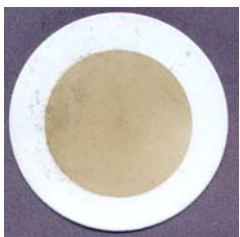
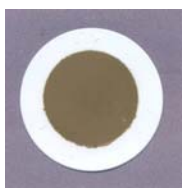

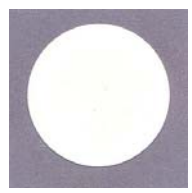
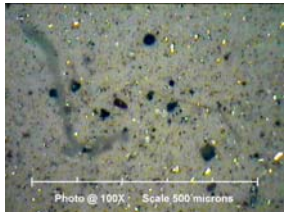
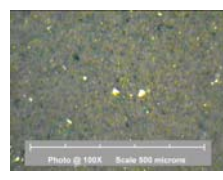
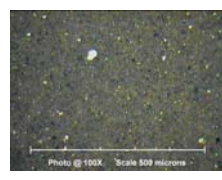
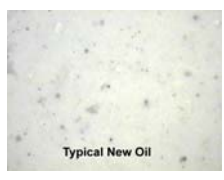
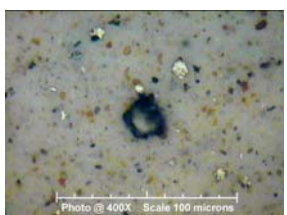
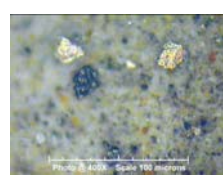
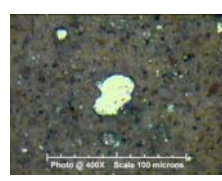

Oil type / Viscosity : CALTEX MEROPA 320

Lube System Capacity : 200 Liters

Site Name :
Location :

Overall Condition Rating

Wear Condition	Oil Condition	Contamination
CAUTION 	NORMAL 	CAUTION 

	Current Sample		Previous Sample		
FocusLab ID	67777		66446	65784	 (Mod. ASTM D-4898) <div style="background-color: #90EE90; padding: 2px; text-align: center; font-weight: bold;">New Oil</div>
Date sampled	14-Dec-06		14-Nov-06	31-Oct-06	
Hours on Oil	170		Not Given	Not Given	
Hours on Unit	6 years		Not Given	Not Given	
Bottle ID	858971		none	none	
Fluid Volume	10 ml		10 ml	10 ml	10 ml
Filter Type	0.65 micron		0.65 micron	0.65 micron	0.20 micron
Contamination Weight	5 mg/100 ml		>100 mg/100 ml	>80 mg/100 ml	5 mg/100 ml
Contamination retained on Filter Membrane Disk					
Image of Contaminants Magnification 100X					
Image of Contaminants Magnification 400X					
Contaminant Retain on Filter Disk	% Visual Rating		% Visual Rating	% Visual Rating	% Visual Rating
Grey & Black Metal	10		10	15	
Copper Base Metal					
Bright & White Metal	10		10	10	
Rust & Corrosion	10		10		
Dirt & Dust	10		10	10	100
Fibers / Filters / Seals					
Sludge & Varnish	50		50	50	

Recommendations and Notes

Gravimetric analysis (photos shown) indicate the oil is moderately contaminated with sludge, dirt, metal, fibers and other debris.

<p>Gravimetric Analysis:</p> <ul style="list-style-type: none"> - determines total solid and soft compound contamination level by weight - determines oil contamination level by colorimetric (color density) - identifies particle contamination in oils by microscopic analysis 	<p>Gravimetric Analysis:</p> <p>In brief, will analyze oil cleanliness and source(s) of contamination.</p>
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