



Exception Report

Unit	P-4396			Point ID	150164								
Location	CAT CRACKING AND GAS/CFH			Serial No	N/A								
Description	CENTRIFUGAL PUMP			Latest Oil	TURBO T 68								
Oil Use				Dates		Additive Metals							
Lab No.	Exc.	Oil Usage	Oil Added	Unit Usage	Sample Date	Received Date	Phos ppm	Zinc ppm	Calc ppm	Barium ppm	Magn ppm	Moly ppm	Antim ppm
G0517	**	N/A	N/A	N/A	07/09/15	07/09/15	6	19	3	0	0	0	0
E1297	**	N/A	N/A	N/A	05/28/15	05/28/15	13	29	3	0	0	0	0
D1265	**	N/A	N/A	N/A	04/22/15	04/22/15	13	18	3	0	0	0	0
C1408	**	N/A	N/A	N/A	03/24/15	03/24/15	32	45	4	0	0	0	0
B1426	**	N/A	N/A	N/A	02/26/15	02/26/15	22	24	3	0	0	0	0
Wear Metals				Contaminant Metals									
Lab No.	Iron ppm	Lead ppm	Copper ppm	Tin ppm	Alum ppm	Chrom ppm	Nickel ppm	Silver ppm	Titan ppm	Silicon ppm	Boron ppm	Sodium ppm	Potass ppm
G0517	0	8	[22]	0	0	0	0	0	0	0	0	7	8
E1297	0	10	[18]	1	0	0	0	0	0	5	0	7	8
D1265	0	7	[16]	0	0	0	0	0	0	0	0	8	7
C1408	0	9	[14]	2	0	0	0	0	0	0	0	7	3
B1426	0	10	[11]	1	0	0	0	0	0	0	0	8	7
ALARM	25	10	10	5	10	5	5	5	3	10	5	30	30
Physical Properties													
Lab No.	TAN mg/g	Flash °F	VIS40 cSt	KF-H2O ppm									
G0517	0.06	470	65.0	(133)									
E1297	0.02	475	66.0	78									
D1265	0.01	460	65.0	56									
C1408	0.11	445	67.0	26									
B1426	0.01	450	67.0	15									
ALARM	1.0	400	57.8-78.2	200									
Analysis Comments													
Lab No.	Comments												
G0517	<ul style="list-style-type: none"> Note KF water has exceeded the "alert warning limit". Recommendation: review conditions at time of sampling for abnormal humidity. Check for changes in other results. Monitor closely for continued increase. Note copper content; probable source: bearings, bushings, retainer ring, inserts, oil pump, or oil cooler. Recommendation: check for unusual noise or vibration. If excessive, inspect copper sources for wear. 												

Your equipment will be identified here.

The area at your facility will be identified here.

Machine type or description of the specific machine can be found here.

The oil information will be displayed here.

Customizable **critical** alarm limits will be displayed in **red**

Our internal lab number is displayed along the left side of the report. Most recent sample is at the top.

Summary and any corrective actions, if necessary

Customizable graphs can be found here

Our lab and contact information is displayed here.

Our internal equipment number that assists us in identifying your equipment.

Lubricating oil is identified here

The oil's Additive, Wear and Contaminant metals are displayed atop the report.

The condition of your oil, it's physical properties, will be displayed here.

Notice the Karl Fischer water trending up!

Notice the Copper levels trending up!

Report generated with LubeAccess (lubeaccess.swsclabs.com) on August 6, 2015. Key to alarm Indicators: [Critical] • (Alert) • *Watch*
Note: Southwest Spectro-Chem Labs and its affiliates make no warranty for proper operation of any equipment associated with this report.