


Condition Based Maintenance - Oil Sample Trend Report

Area : E903 Customer
 Equipment : E11 GT 12
 Sample Point : P1 12MBV10BB001 Gas Turbine

Created : 16th October 2020
 By : Jade Thompson

Overall State	Comments
	Full particle count: 98 / 51 / 3. The level of wear and contamination appears satisfactory. Resample as normal.

Sample No.	2000145912	2000139502	2000117216	2000105709	2000086501
Sample Date	14 Sep 2020	04 Sep 2020	20 Jul 2020	23 Jun 2020	14 May 2020
Oil Time					
Unit Time					

Wear					
Aluminium	1	1	2	1	0
Cadmium	0	0	0	0	0
Chromium	0	0	0	0	0
Copper	0	0	2	0	0
FW Index	0	1	0	0	0
Iron	0	0	1	1	0
Lead	1	0	0	1	1
Nickel	0	0	0	0	0
Silver	0	0	0	0	1
Tin	0	0	0	0	0
Titanium	0	0	0	0	0
Vanadium	0	0	0	0	0

Contamination					
Boron	1	1	2	0	0
Silicon	0	0	0	0	0
Sodium	4	1	3	4	2
Water Content	34.59	57.60	105.26	46.00	32.05
ISO > 4	14	15	15	14	14
ISO > 6	13	13	12	13	12
ISO > 14	9	9	10	9	11
IR Soot	0	0	1	0	0

Chemistry					
Barium	0	0	0	0	0
Calcium	3	2	1	0	5
IR Nitration	0	0	0	0	0
IR Oxidation	0	0	0	0	0
IR Sulfation	0	0	0	0	0
Lithium	2	1	1	1	1
Magnesium	0	2	0	0	0
Manganese	0	0	0	0	0
Molybdenum	0	0	0	0	0
Phosphorus	0	0	0	1	1
Potassium	2	4	2	2	2
RPVOT	0	402	0	0	434
Ruler	0	37	0	0	45
Spec Test 1	0	6	0	0	14
Total Acid	0.1	0.1	0.0	0.1	0.0
Varnish Pot.	0	14	0	0	5
Visc 40C	52.4	52.3	47.8	52.2	48.0
Zinc	1	3	1	0	2

