



Normal

Unit ID: GA002

Asset ID: 40481405

Description: P.A. fan

Account Information

ID: 318801
Name: Gainesville Renewable Energy Center / POWER HOUSE
Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US
Parent Account: Gainesville Renewable Energy Center

Sample Information

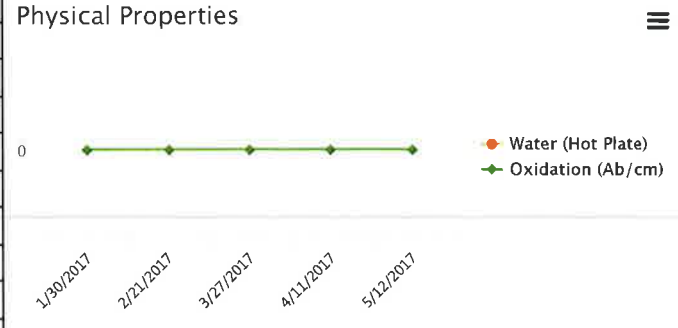
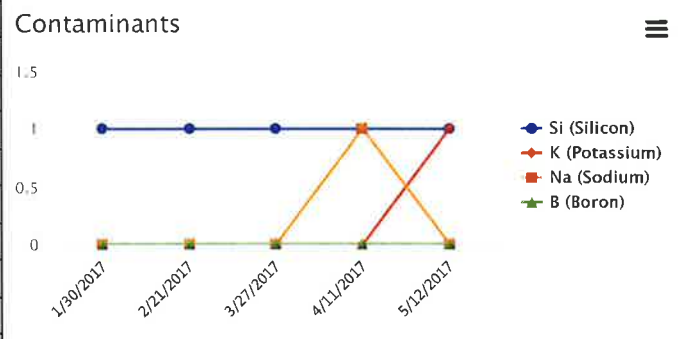
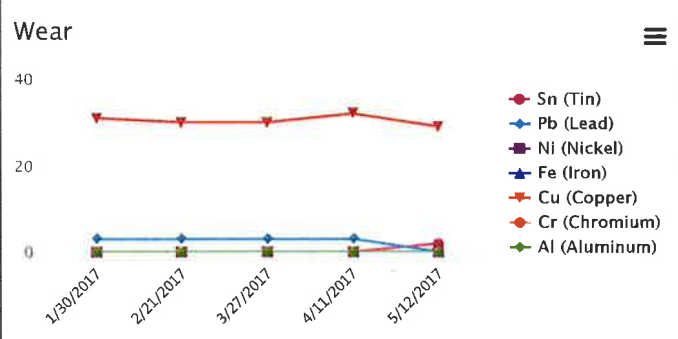
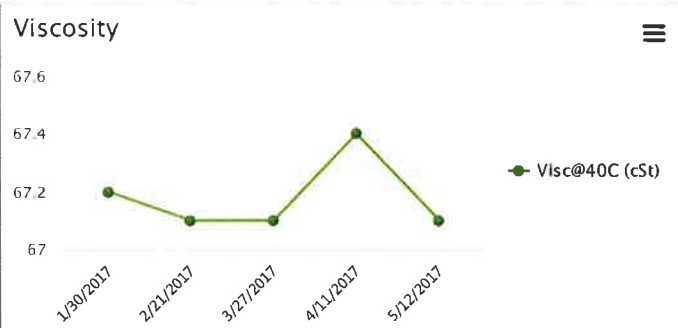
Sample ID: 17132297022
Service Level: Essential
Bottle ID: a005589569
Tested Lubricant: DTE HEAVY MEDIUM

Equipment Information

Asset Class: Circulating System
Manufacturer: P.A. FAN
Model: BEARING RACK
Lubricant: DTE HEAVY MEDIUM

Sample Data & Trends

Table with columns for Report Status, Sample ID, Service Level, Bottle ID, Tested Lubricant, Sampled, Reported, Equipment Age, Equipment UOM, Oil Age, Oil UOM, Make-up Volume, Volume UOM, Oil Changed, Filter Changed, Reservoir Temp, Temperature UOM, Contamination Rating, Equipment Rating, Oil Rating, Visc@40C (cSt), Oxidation (Ab/cm), Water (Hot Plate), Al (Aluminum), Cr (Chromium), Cu (Copper), Fe (Iron), Mo (Molybdenum), Ni (Nickel), Pb (Lead), Sn (Tin), B (Boron), K (Potassium), Na (Sodium), Si (Silicon), Ba (Barium), Ca (Calcium), Mg (Magnesium), P (Phosphorus), Zn (Zinc).



May-16-2017

Normal

Unit ID: GA001

Asset ID: 40479201

Description: S.A. fan

Account Information

ID: 318801
Name: Gainesville Renewable Energy Center / POWER HOUSE
Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US
Parent Account: Gainesville Renewable Energy Center

Sample Information

Sample ID: 17132297025
Service Level: Essential
Bottle ID: a006117949
Tested Lubricant: DTE HEAVY MEDIUM

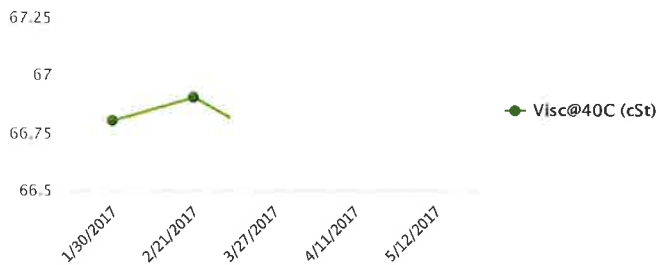
Equipment Information

Asset Class: Circulating System
Manufacturer: N/A
Model: N/A
Lubricant: DTE HEAVY MEDIUM

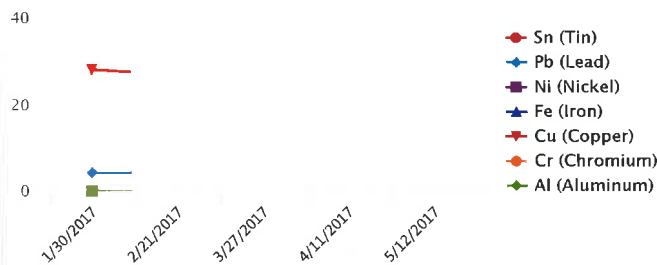
Sample Data & Trends

Report Status	Normal	Normal	Normal	Normal	Normal
Sample ID	17030209020170522310431708627005417101271027				17132297025
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005295944	a005541321	a005543128	a005334519	a006117949
Tested Lubricant	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM
Sampled	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017	12 May 2017
Reported	31 Jan 2017	22 Feb 2017	28 Mar 2017	13 Apr 2017	16 May 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Reservoir Temp					
Temperature UOM					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Normal	Normal	Normal	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	66.8	66.9	66.7	67.1	66.9
Oxidation (Ab/cm)	0	0	0	0	0
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	28	27	29	28	26
Fe (Iron)	0	0	0	0	0
Mo (Molybdenum)	0	0	0	0	0
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	4	4	4	4	1
Sn (Tin)	0	0	0	0	5
B (Boron)	1	0	1	1	0
K (Potassium)	0	3	0	0	0
Na (Sodium)	0	1	1	0	0
Si (Silicon)	1	1	1	1	1
Ba (Barium)	0	0	0	0	0
Ca (Calcium)	145	138	141	143	135
Mg (Magnesium)	1	0	3	1	2
P (Phosphorus)	246	228	236	261	217
Zn (Zinc)	307	280	280	295	278

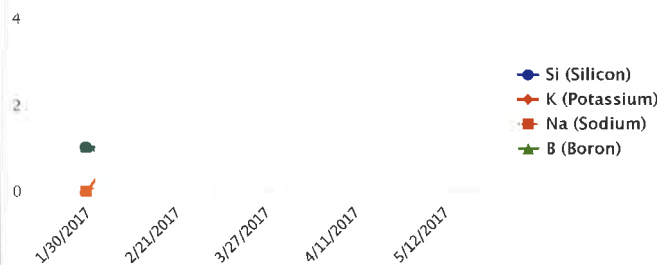
Viscosity



Wear



Contaminants



Physical Properties





Normal

Unit ID: GA003

Asset ID: 40481409

Description: I.D. fan

Account Information

ID: 318801
 Name: Gainesville Renewable Energy Center / POWER HOUSE
 Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US
 Parent Account: Gainesville Renewable Energy Center

Sample Information

Sample ID: 17132297023
 Service Level: Essential
 Bottle ID: a006119220
 Tested Lubricant: DTE HEAVY MEDIUM

Equipment Information

Asset Class: Circulating System
 Manufacturer: I.D. FAN
 Model: BEARING RACK
 Lubricant: DTE HEAVY MEDIUM

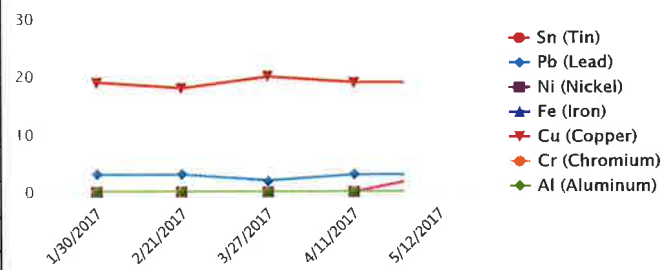
Sample Data & Trends

Report Status	Normal	Normal	Normal	Normal	Normal
Sample ID	17030209017	17052231045	17086270049	17101271029	17132297023
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005294778	a005546003	a005500255	a005162632	a006119220
Tested Lubricant	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM
Sampled	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017	12 May 2017
Reported	31 Jan 2017	22 Feb 2017	28 Mar 2017	13 Apr 2017	16 May 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Reservoir Temp					
Temperature UOM					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Normal	Normal	Normal	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	67.1	67.0	67.0	67.3	67.0
Oxidation (Ab/cm)	0	0	0	0	0
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	19	18	20	19	19
Fe (Iron)	0	0	0	0	0
Mo (Molybdenum)	0	0	0	0	0
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	3	3	2	3	3
Sn (Tin)	0	0	0	0	3
B (Boron)	0	0	0	0	0
K (Potassium)	0	0	0	0	0
Na (Sodium)	0	0	0	0	0
Si (Silicon)	1	1	0	1	1
Ba (Barium)	0	0	0	0	0
Ca (Calcium)	11	11	10	11	11
Mg (Magnesium)	0	0	0	0	0
P (Phosphorus)	145	137	136	150	139
Zn (Zinc)	114	114	110	110	111

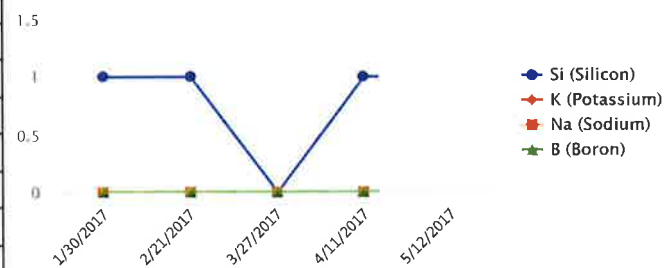
Viscosity



Wear



Contaminants



Physical Properties





Normal

Unit ID: GA004

Asset ID: 40481410

Description: FGR fan

Account Information

ID: 318801

Name: Gainesville Renewable Energy Center / POWER HOUSE

Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US

Parent Account: Gainesville Renewable Energy Center

Sample Information

Sample ID: 17132297024

Service Level: Essential

Bottle ID: a006116507

Tested Lubricant: DTE HEAVY MEDIUM

Equipment Information

Asset Class: Circulating System

Manufacturer: FGR FAN

Model: BEARING RACK

Lubricant: DTE HEAVY MEDIUM

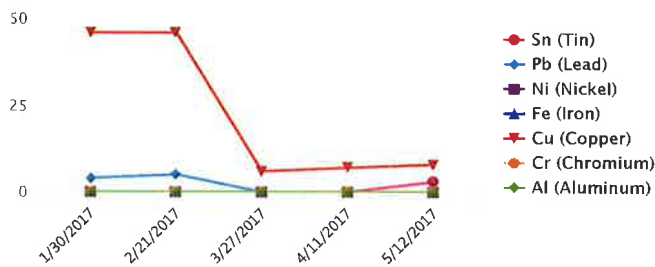
Sample Data & Trends

Report Status	Caution	Caution	Normal	Normal	Normal
Sample ID	17030209015	17052231044	17086270048	17101271028	17132297024
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005291674	a005365745	a005541119	a006116904	a006116507
Tested Lubricant	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM
Sampled	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017	12 May 2017
Reported	31 Jan 2017	22 Feb 2017	29 Mar 2017	13 Apr 2017	16 May 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Reservoir Temp					
Temperature UOM					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Caution	Caution	Normal	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	66.5	66.3	66.4	66.6	66.3
Oxidation (Ab/cm)	0	0	0	0	0
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	46	46	6	7	8
Fe (Iron)	0	0	0	0	0
Mo (Molybdenum)	0	0	0	0	0
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	4	5	0	0	0
Sn (Tin)	0	0	0	0	3
B (Boron)	0	0	0	0	0
K (Potassium)	0	2	0	0	0
Na (Sodium)	0	1	0	0	0
Si (Silicon)	2	2	0	0	0
Ba (Barium)	0	0	0	0	0
Ca (Calcium)	107	105	11	10	9
Mg (Magnesium)	0	0	0	0	0
P (Phosphorus)	251	246	139	151	133
Zn (Zinc)	294	291	114	112	106

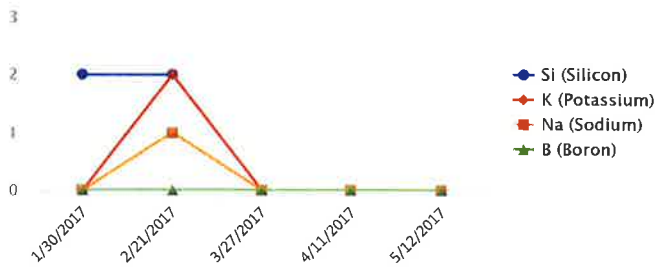
Viscosity



Wear



Contaminants



Physical Properties



Normal

Unit ID: GA007

Asset ID: 40465059

Description: turbine circ oil

Sample Information

Equipment Information

Account Information

ID: 318801

Name: Gainesville Renewable Energy Center / POWER HOUSE

Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US

Parent Account: Gainesville Renewable Energy Center

Sample ID: 17132275040

Service Level: Essential

Bottle ID: a006118078

Tested Lubricant: MOBIL DTE 732

Asset Class: Steam Turbine

Manufacturer:

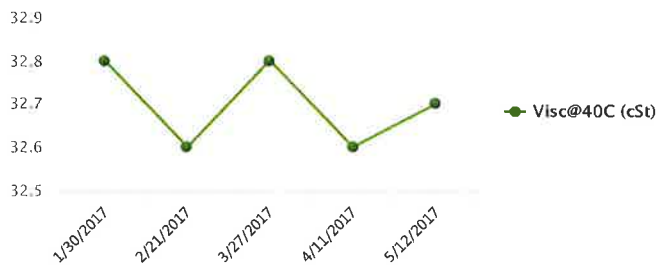
Model: N/A

Lubricant: MOBIL DTE 732

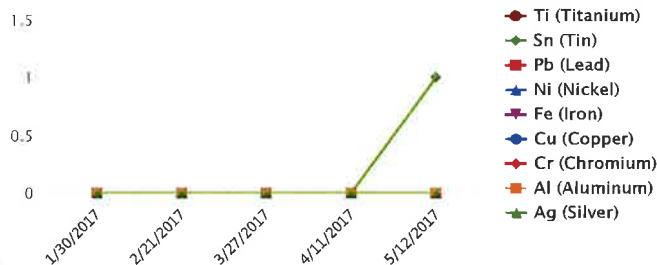
Sample Data & Trends

Report Status	Normal	Normal	Normal	Normal	Normal
Sample ID	1703020901417052285048	1708632000117101118007	17132275040		
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005249841	a005546077	a005369241	a006117908	a006118078
Tested Lubricant	MOBIL DTE 732	MOBIL DTE 732	MOBIL DTE 732	MOBIL DTE 732	MOBIL DTE 732
Sampled	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017	12 May 2017
Reported	31 Jan 2017	22 Feb 2017	28 Mar 2017	13 Apr 2017	15 May 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Reservoir Temp					
Temperature UOM					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Normal	Normal	Normal	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	32.8	32.6	32.8	32.6	32.7
Oxidation (Ab/cm)	1	1	0	0	1
TAN (mg KOH/g)	0.14	0.10	0.10	0.09	0.09
Water (Vol%)	<0.003	<0.003	<0.003	<0.003	0.005
Ag (Silver)	0	0	0	0	0
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	0	0	0	0	0
Fe (Iron)	0	0	0	0	0
Mo (Molybdenum)	0	0	0	0	0
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	0	0	0	0	0
Sn (Tin)	0	0	0	0	1
Ti (Titanium)	0	0	0	0	0
B (Boron)	0	0	0	0	0
K (Potassium)	0	0	4	0	0
Na (Sodium)	0	0	1	2	0
Si (Silicon)	0	0	0	0	0
V (Vanadium)	0	0	0	0	0
Ba (Barium)	0	0	0	1	0
Ca (Calcium)	0	1	1	0	1
Mg (Magnesium)	0	0	0	0	0
P (Phosphorus)	0	1	1	0	5
Zn (Zinc)	0	1	0	0	0

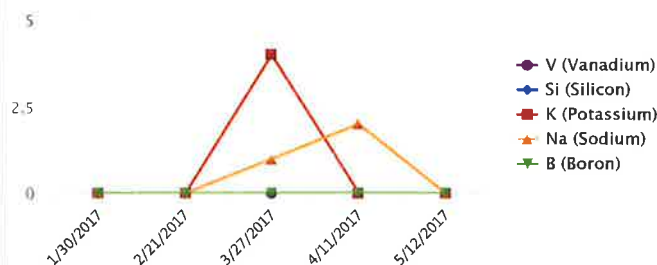
Viscosity



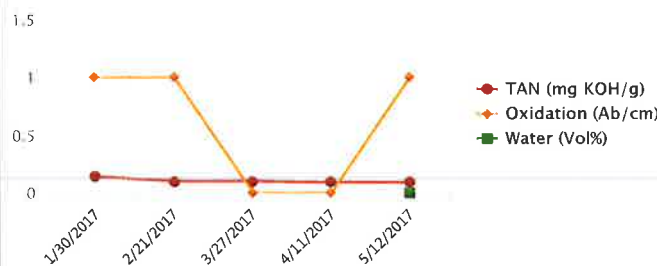
Wear



Contaminants



Physical Properties





Normal

Unit ID: GA008

Asset ID: 40481416

Description: turbine control oil (hydac)

Account Information

ID: 318801
 Name: Gainesville Renewable Energy Center / POWER HOUSE
 Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US
 Parent Account: Gainesville Renewable Energy Center

Sample Information

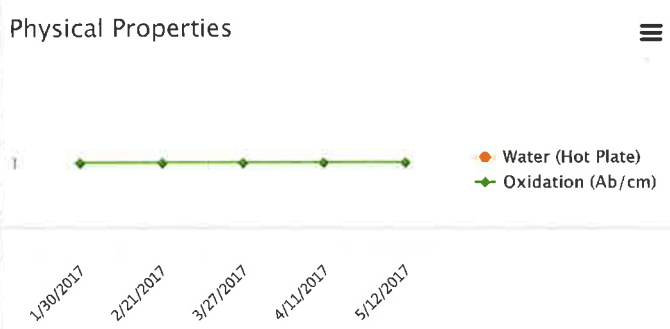
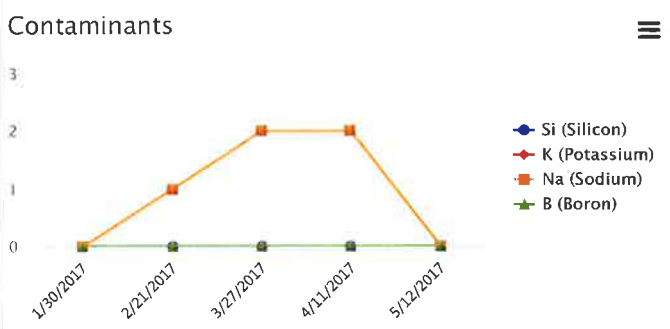
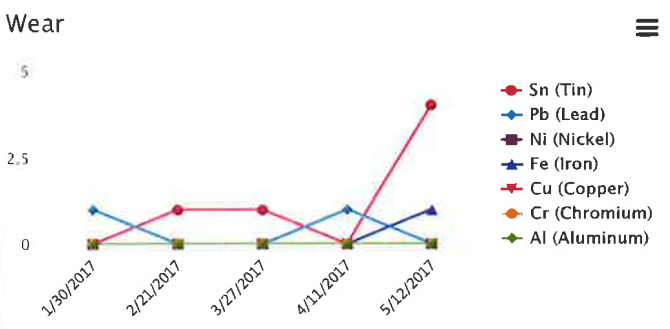
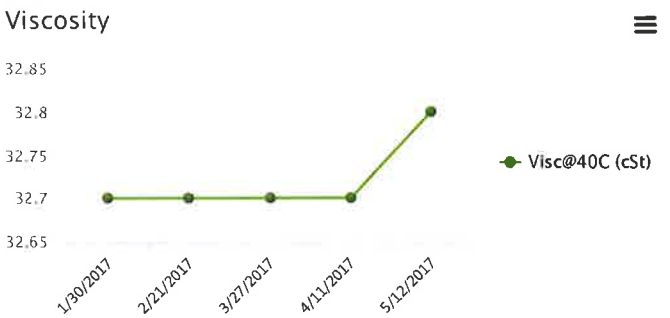
Sample ID: 17132275039
 Service Level: Essential
 Bottle ID: a005589514
 Tested Lubricant: MOBIL DTE 732

Equipment Information

Asset Class: Circulating System
 Manufacturer: HYDAC
 Model: HYDAC CONTROL RACK
 Lubricant: MOBIL DTE 732

Sample Data & Trends

Report Status	Normal	Normal	Normal	Normal	Normal
Sample ID	17030209016170522850461708613907217101118009				17132275039
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005249645	a005417078	a005280519	a005589289	a005589514
Tested Lubricant	MOBIL DTE 732	MOBIL DTE 732	MOBIL DTE 732	MOBIL DTE 732	MOBIL DTE 732
Sampled	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017	12 May 2017
Reported	31 Jan 2017	22 Feb 2017	28 Mar 2017	13 Apr 2017	16 May 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Reservoir Temp					
Temperature UOM					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Normal	Normal	Normal	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	32.7	32.7	32.7	32.7	32.8
Oxidation (Ab/cm)	1	1	1	1	1
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	0	0	0	0	0
Fe (Iron)	0	0	0	0	1
Mo (Molybdenum)	0	0	0	0	1
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	1	0	0	1	0
Sn (Tin)	0	1	1	0	4
B (Boron)	0	0	0	0	0
K (Potassium)	0	0	0	0	0
Na (Sodium)	0	1	2	2	0
Si (Silicon)	0	0	0	0	0
Ba (Barium)	0	0	0	0	0
Ca (Calcium)	9	9	9	7	7
Mg (Magnesium)	1	0	1	0	2
P (Phosphorus)	9	10	10	9	15
Zn (Zinc)	19	19	18	18	16





Normal

Unit ID: GA005

Asset ID: 40481412

Description: boiler feed water pump (A)

Account Information

ID: 318801
Name: Gainesville Renewable Energy Center / POWER HOUSE
Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US
Parent Account: Gainesville Renewable Energy Center

Sample Information

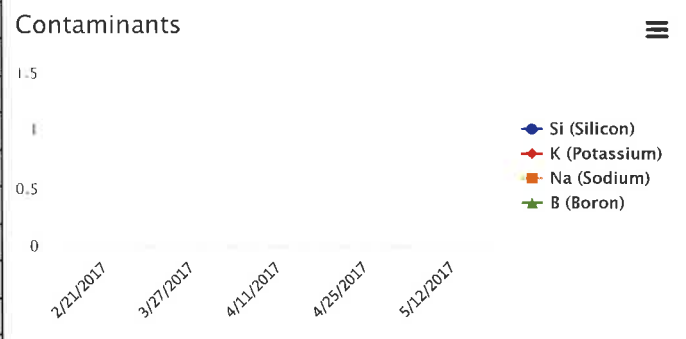
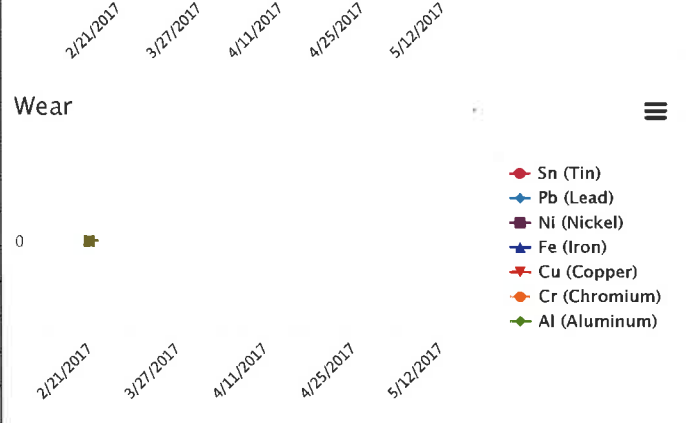
Sample ID: 17132275038
Service Level: Essential
Bottle ID: a006125638
Tested Lubricant: MOBIL DTE 732

Equipment Information

Asset Class: Circulating System
Manufacturer: BOILER FEED PUMP
Model: CIRC RACK
Lubricant: MOBIL DTE 732

Sample Data & Trends

Table with columns for Report Status, Sample ID, Service Level, Bottle ID, Tested Lubricant, Sampled, Reported, Equipment Age, Equipment UOM, Oil Age, Oil UOM, Make-up Volume, Volume UOM, Oil Changed, Filter Changed, Reservoir Temp, Temperature UOM, Contamination Rating, Equipment Rating, Oil Rating, Visc@40C (cSt), Oxidation (Ab/cm), Water (Hot Plate), Al (Aluminum), Cr (Chromium), Cu (Copper), Fe (Iron), Mo (Molybdenum), Ni (Nickel), Pb (Lead), Sn (Tin), B (Boron), K (Potassium), Na (Sodium), Si (Silicon), Ba (Barium), Ca (Calcium), Mg (Magnesium), P (Phosphorus), Zn (Zinc).



Unit ID: GA006

Asset ID: 40481413

Description: boiler feed water (B)

Account Information

ID: 318801
Name: Gainesville Renewable Energy Center / POWER HOUSE
Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US
Parent Account: Gainesville Renewable Energy Center

Sample Information

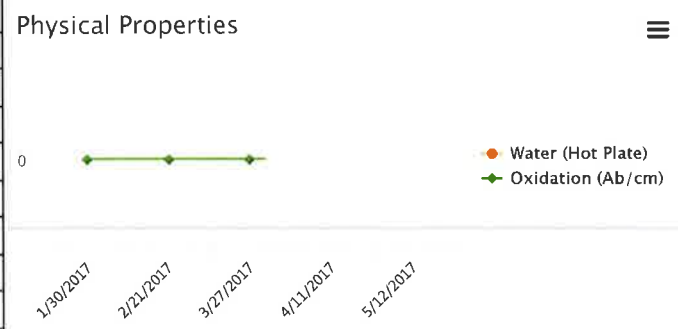
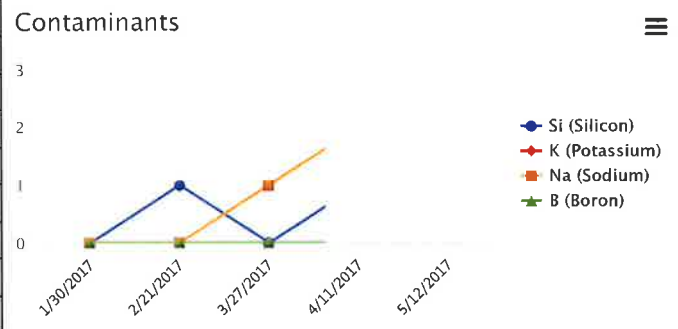
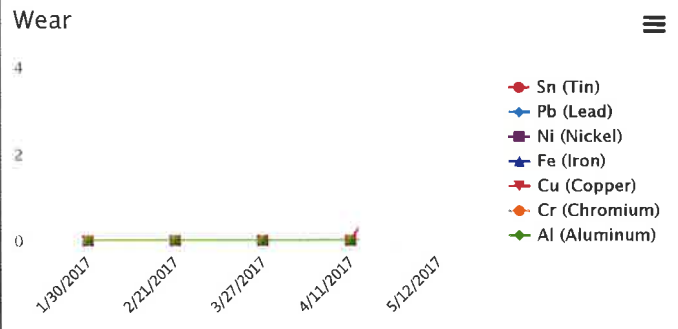
Sample ID: 17132275041
Service Level: Essential
Bottle ID: a006120523
Tested Lubricant: MOBIL DTE 732

Equipment Information

Asset Class: Circulating System
Manufacturer: BOILER FEED WATER (B)
Model: CIRC RACK
Lubricant: MOBIL DTE 732

Sample Data & Trends

Report Status	Normal	Normal	Normal	Normal	Normal
Sample ID	17030209019	17052285010	17086320003	17101118008	17132275041
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005249955	a005160870	a005545213	a006116414	a006120523
Tested Lubricant	MOBIL DTE 732	MOBIL DTE 732	MOBIL DTE 732	MOBIL DTE 732	MOBIL DTE 732
Sampled	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017	12 May 2017
Reported	31 Jan 2017	22 Feb 2017	28 Mar 2017	13 Apr 2017	16 May 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Reservoir Temp					
Temperature UOM					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Normal	Normal	Normal	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	31.7	31.5	31.7	31.7	31.7
Oxidation (Ab/cm)	0	0	0	0	0
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	0	0	0	0	0
Fe (Iron)	0	0	0	0	0
Mo (Molybdenum)	0	0	0	0	0
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	0	0	0	0	0
Sn (Tin)	0	0	0	0	3
B (Boron)	0	0	0	0	0
K (Potassium)	0	0	0	0	0
Na (Sodium)	0	0	1	2	0
Si (Silicon)	0	1	0	1	1
Ba (Barium)	0	0	0	1	0
Ca (Calcium)	0	0	0	0	0
Mg (Magnesium)	0	0	0	0	0
P (Phosphorus)	0	0	1	0	3
Zn (Zinc)	0	0	0	0	0



Mobil Serv

Lubricant Analysis

Normal

Unit ID: GA001

Asset ID: 40479201

Description: S.A. fan

Sample Information

Sample ID: 17101271027

Service Level: Essential

Bottle ID: a005334519

Tested Lubricant: DTE HEAVY MEDIUM

Equipment Information

Asset Class: Circulating System

Manufacturer: N/A

Model: N/A

Lubricant: DTE HEAVY MEDIUM

Count Information

ID: 318801

Name: Gainesville Renewable Energy Center / POWER HOUSE

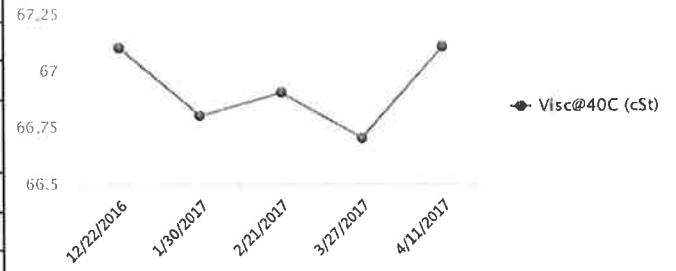
Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US

Parent Account: Gainesville Renewable Energy Center

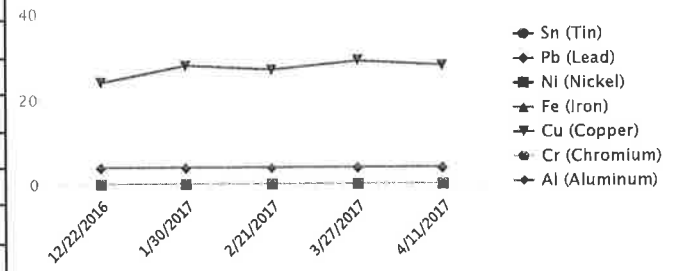
Sample Data & Trends

Report Status	Normal	Normal	Normal	Normal	Normal
Sample ID	16357265036	17030209020	17052231043	17086270054	17101271027
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005500532	a005295944	a005541321	a005543128	a005334519
Tested Lubricant	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM
Sampled	22 Dec 2016	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017
Reported	23 Dec 2016	31 Jan 2017	22 Feb 2017	28 Mar 2017	13 Apr 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Normal	Normal	Normal	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	67.1	66.8	66.9	66.7	67.1
Oxidation (Ab/cm)	0	0	0	0	0
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	24	28	27	29	28
Fe (Iron)	0	0	0	0	0
Mo (Molybdenum)	0	0	0	0	0
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	4	4	4	4	4
Sn (Tin)	0	0	0	0	0
B (Boron)	0	1	0	1	1
K (Potassium)	1	0	3	0	0
Na (Sodium)	0	0	1	1	0
Si (Silicon)	2	1	1	1	1
Ba (Barium)	0	0	0	0	0
Ca (Calcium)	126	145	138	141	143
Mg (Magnesium)	0	1	0	3	1
P (Phosphorus)	222	246	228	236	261
Zn (Zinc)	239	307	280	280	295

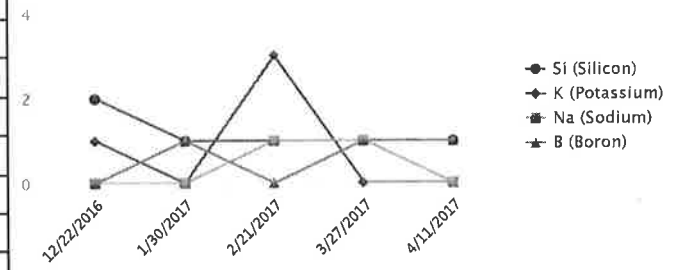
Viscosity



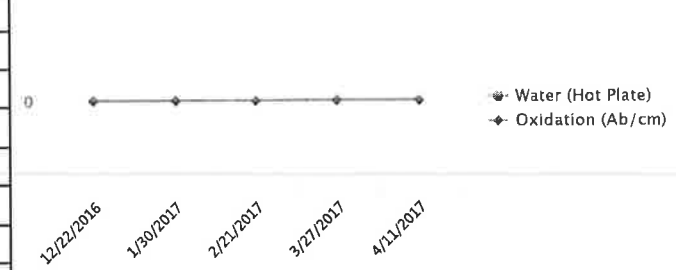
Wear



Contaminants



Physical Properties



Mobil Serv™

Lubricant Analysis

Normal

Unit ID: GA002

Asset ID: 40481405

Description: P.A. fan

Account Information

ID: 318801
 Name: Gainesville Renewable Energy Center / POWER HOUSE
 Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US
 Parent Account: Gainesville Renewable Energy Center

Sample Information

Sample ID: 17101271026
 Service Level: Essential
 Bottle ID: a006120082
 Tested Lubricant: DTE HEAVY MEDIUM

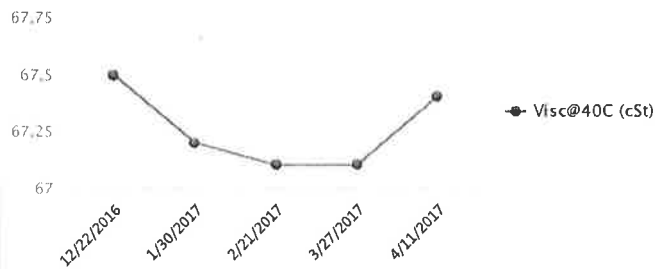
Equipment Information

Asset Class: Circulating System
 Manufacturer: P.A. FAN
 Model: BEARING RACK
 Lubricant: DTE HEAVY MEDIUM

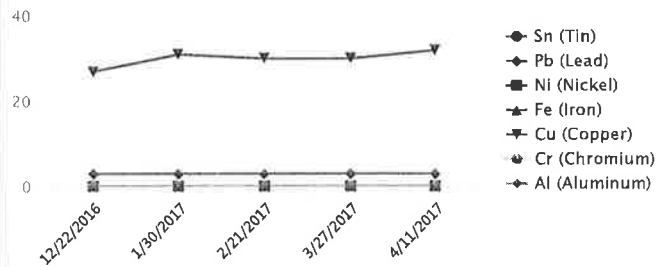
Sample Data & Trends

Report Status	Normal	Normal	Normal	Normal	Normal
Sample ID	16357265038	17030209018	17052231042	17086270055	17101271026
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005500352	a005545623	a005422565	a005285699	a006120082
Tested Lubricant	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM
Sampled	22 Dec 2016	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017
Reported	23 Dec 2016	31 Jan 2017	22 Feb 2017	28 Mar 2017	13 Apr 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Normal	Normal	Normal	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	67.5	67.2	67.1	67.1	67.4
Oxidation (Ab/cm)	0	0	0	0	0
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	27	31	30	30	32
Fe (Iron)	0	0	0	0	0
Mo (Molybdenum)	0	0	0	0	0
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	3	3	3	3	3
Sn (Tin)	0	0	0	0	0
B (Boron)	0	0	0	0	0
K (Potassium)	2	0	0	0	0
Na (Sodium)	0	0	0	0	1
Si (Silicon)	2	1	1	1	1
Ba (Barium)	0	0	0	0	0
Ca (Calcium)	78	84	79	81	79
Mg (Magnesium)	0	0	0	0	0
P (Phosphorus)	230	246	229	234	259
Zn (Zinc)	257	316	292	298	295

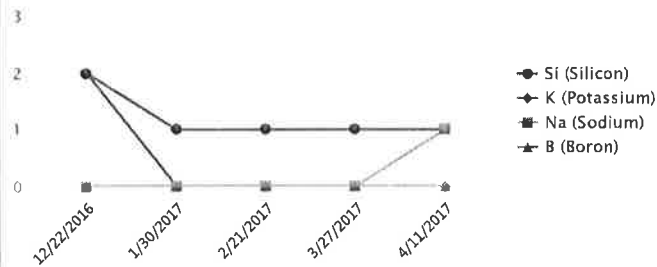
Viscosity



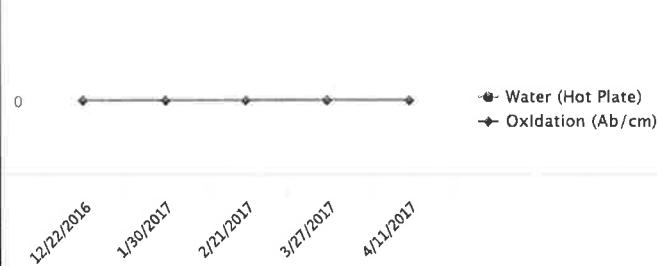
Wear



Contaminants



Physical Properties



Mobil Serv

Lubricant Analysis

Normal

Unit ID: GA003

Asset ID: 40481409

Description: I.D. fan

Sample Information

Sample ID: 17101271029

Service Level: Essential

Bottle ID: a005162632

Tested Lubricant: DTE HEAVY MEDIUM

Equipment Information

Asset Class: Circulating System

Manufacturer: I.D. FAN

Model: BEARING RACK

Lubricant: DTE HEAVY MEDIUM

ID: 318801

Name: Gainesville Renewable Energy Center / POWER HOUSE

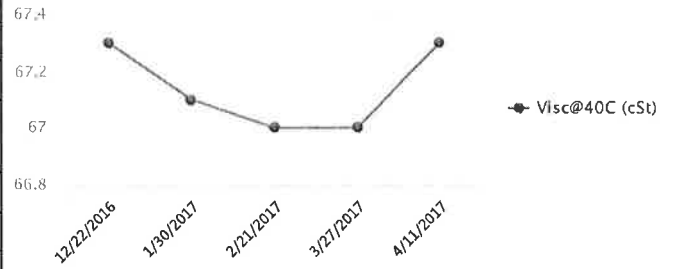
Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US

Parent Account: Gainesville Renewable Energy Center

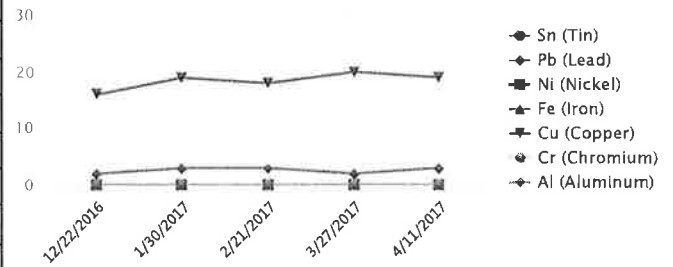
Sample Data & Trends

Report Status	Normal	Normal	Normal	Normal	Normal
Sample ID	16357265034	17030209017	17052231045	17086270049	17101271029
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005500692	a005294778	a005546003	a005500255	a005162632
Tested Lubricant	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM
Sampled	22 Dec 2016	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017
Reported	23 Dec 2016	31 Jan 2017	22 Feb 2017	28 Mar 2017	13 Apr 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Normal	Normal	Normal	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	67.3	67.1	67.0	67.0	67.3
Oxidation (Ab/cm)	0	0	0	0	0
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	16	19	18	20	19
Fe (Iron)	0	0	0	0	0
Mo (Molybdenum)	0	0	0	0	0
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	2	3	3	2	3
Sn (Tin)	0	0	0	0	0
B (Boron)	0	0	0	0	0
K (Potassium)	4	0	0	0	0
Na (Sodium)	0	0	0	0	0
Si (Silicon)	1	1	1	0	1
Ba (Barium)	0	0	0	0	0
Ca (Calcium)	12	11	11	10	11
Mg (Magnesium)	0	0	0	0	0
P (Phosphorus)	125	145	137	136	150
Zn (Zinc)	102	114	114	110	110

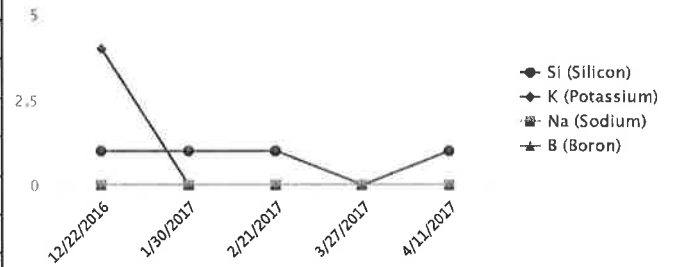
Viscosity



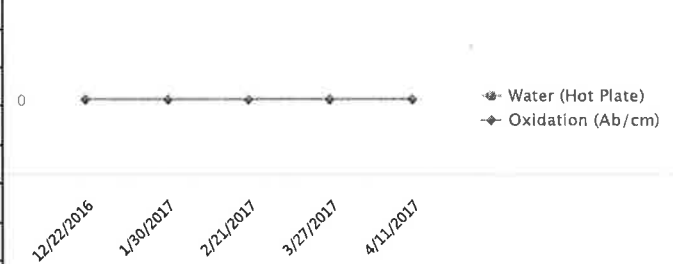
Wear



Contaminants



Physical Properties



Mobil Serv

Lubricant Analysis

Normal

Unit ID: GA004

Asset ID: 40481410

Description: FGR fan

Sample Information

Sample ID: 17101271028

Service Level: Essential

Bottle ID: a006116904

Tested Lubricant: DTE HEAVY MEDIUM

Equipment Information

Asset Class: Circulating System

Manufacturer: FGR FAN

Model: BEARING RACK

Lubricant: DTE HEAVY MEDIUM

Account Information

ID: 318801

Name: Gainesville Renewable Energy Center / POWER HOUSE

Address: 11201 Nw 13th Street, Gainesville, FL 32653-0000 US

Parent Account: Gainesville Renewable Energy Center

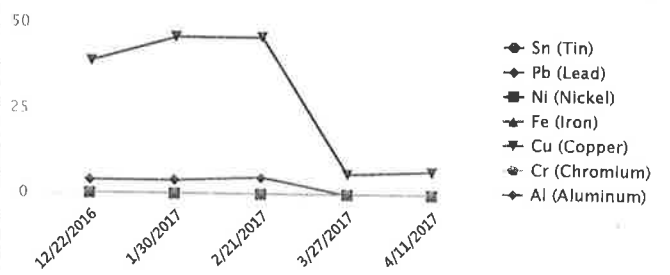
Sample Data & Trends

Report Status	Normal	Caution	Caution	Normal	Normal
Sample ID	16357265042	17030209015	17052231044	17086270048	17101271028
Service Level	Essential	Essential	Essential	Essential	Essential
Bottle ID	a005500439	a005291674	a005365745	a005541119	a006116904
Tested Lubricant	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM	DTE HEAVY MEDIUM
Sampled	22 Dec 2016	30 Jan 2017	21 Feb 2017	27 Mar 2017	11 Apr 2017
Reported	23 Dec 2016	31 Jan 2017	22 Feb 2017	29 Mar 2017	13 Apr 2017
Equipment Age					
Equipment UOM					
Oil Age					
Oil UOM					
Make-up Volume					
Volume UOM					
Oil Changed					
Filter Changed					
Contamination Rating	Normal	Normal	Normal	Normal	Normal
Equipment Rating	Normal	Caution	Caution	Normal	Normal
Oil Rating	Normal	Normal	Normal	Normal	Normal
Visc@40C (cSt)	66.5	66.5	66.3	66.4	66.6
Oxidation (Ab/cm)	0	0	0	0	0
Water (Hot Plate)	NotDetected	NotDetected	NotDetected	NotDetected	NotDetected
Al (Aluminum)	0	0	0	0	0
Cr (Chromium)	0	0	0	0	0
Cu (Copper)	39	46	46	6	7
Fe (Iron)	0	0	0	0	0
Mo (Molybdenum)	0	0	0	0	0
Ni (Nickel)	0	0	0	0	0
Pb (Lead)	4	4	5	0	0
Sn (Tin)	0	0	0	0	0
B (Boron)	0	0	0	0	0
K (Potassium)	3	0	2	0	0
Na (Sodium)	0	0	1	0	0
Si (Silicon)	3	2	2	0	0
Ba (Barium)	0	0	0	0	0
Ca (Calcium)	98	107	105	11	10
Mg (Magnesium)	0	0	0	0	0
P (Phosphorus)	228	251	246	139	151
Zn (Zinc)	248	294	291	114	112

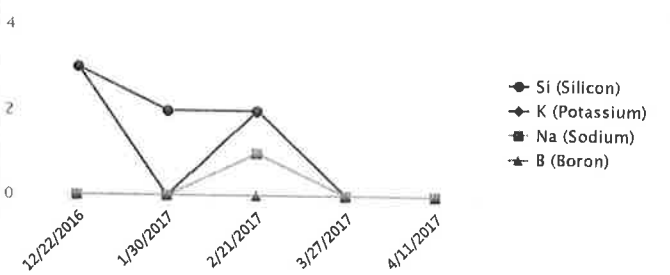
Viscosity



Wear



Contaminants



Physical Properties

