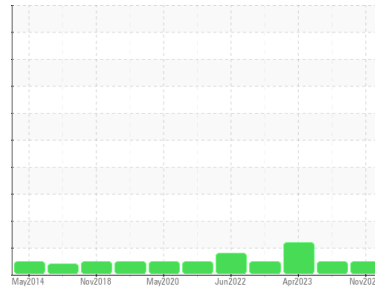




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
EAST GAS

Component
Compressor

Fluid
MOBIL PEGASUS 805 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	USP255346	USP255469	USP249796
Sample Date	Client Info	09 Nov 2023	25 Jul 2023	13 Apr 2023
Machine Age	hrs Client Info	0	0	0
Oil Age	hrs Client Info	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	ABNORMAL

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >50	0	1	<1
Chromium	ppm ASTM D5185m >10	0	0	0
Nickel	ppm ASTM D5185m	0	0	0
Titanium	ppm ASTM D5185m	0	0	0
Silver	ppm ASTM D5185m	<1	0	<1
Aluminum	ppm ASTM D5185m >25	<1	3	<1
Lead	ppm ASTM D5185m >25	0	<1	0
Copper	ppm ASTM D5185m >50	<1	1	<1
Tin	ppm ASTM D5185m >15	<1	<1	<1
Vanadium	ppm ASTM D5185m	0	0	0
Cadmium	ppm ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 80	55	184	123
Barium	ppm ASTM D5185m	0	1	0
Molybdenum	ppm ASTM D5185m	3	<1	<1
Manganese	ppm ASTM D5185m	0	<1	<1
Magnesium	ppm ASTM D5185m	89	7	7
Calcium	ppm ASTM D5185m 1020	1443	2149	1648
Phosphorus	ppm ASTM D5185m 220	382	606	435
Zinc	ppm ASTM D5185m 230	448	672	526
Sulfur	ppm ASTM D5185m 1000	2653	4655	3617

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >25	1	2	1
Sodium	ppm ASTM D5185m	<1	0	0
Potassium	ppm ASTM D5185m >20	0	2	<1
Water	% ASTM D6304 >0.1	0.016	0.015	0.011
ppm Water	ppm ASTM D6304 >1000	163.5	150.2	118.5

FLUID CLEANLINESS

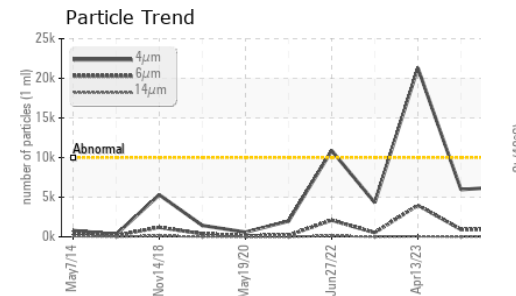
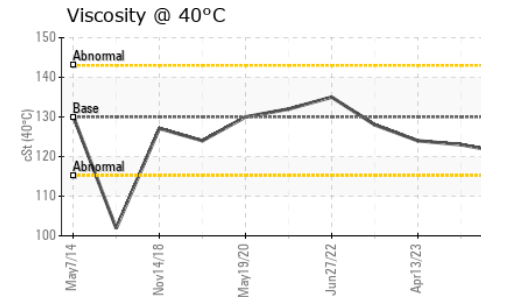
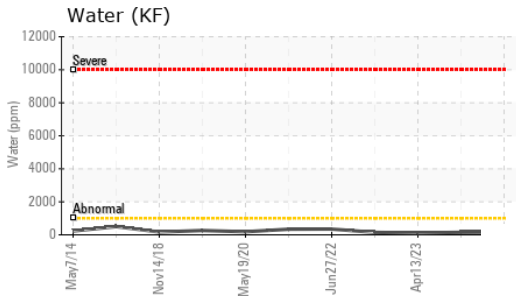
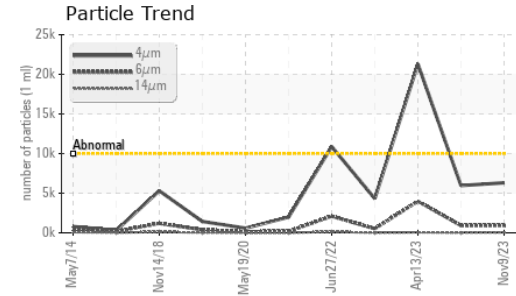
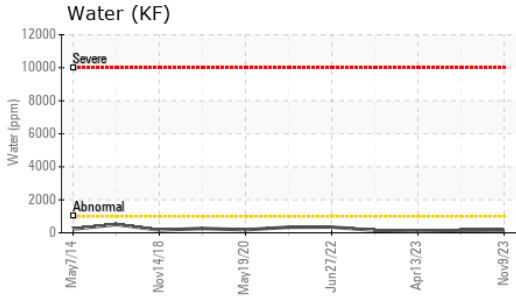
method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >10000	6314	5962	▲ 21304
Particles >6µm	ASTM D7647 >2500	933	918	▲ 3983
Particles >14µm	ASTM D7647 >320	45	25	65
Particles >21µm	ASTM D7647 >80	14	5	9
Particles >38µm	ASTM D7647 >20	2	0	0
Particles >71µm	ASTM D7647 >4	1	0	0
Oil Cleanliness	ISO 4406 (c) >20/18/15	20/17/13	20/17/12	▲ 22/19/13

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045 1.0	0.752	0.376	0.282



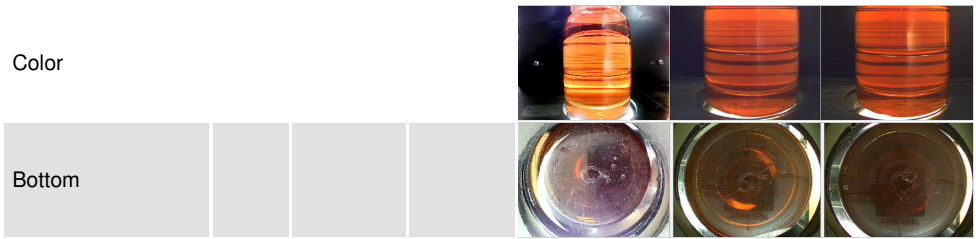
OIL ANALYSIS REPORT



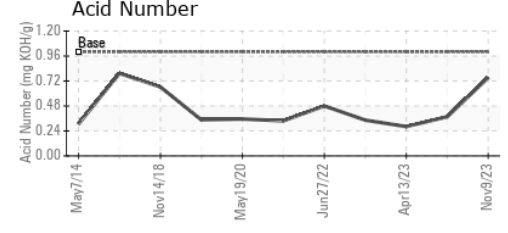
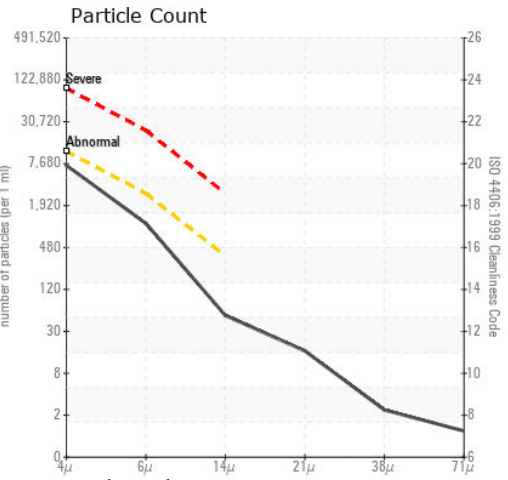
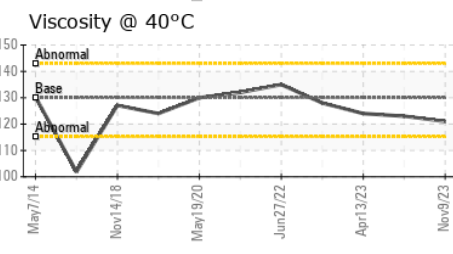
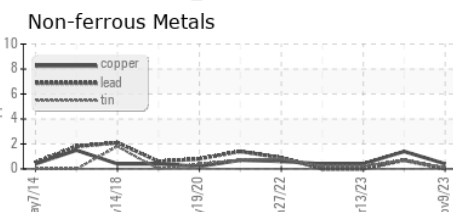
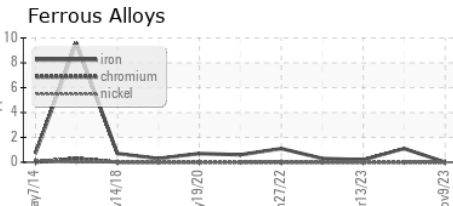
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	130.0	121	123

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : USP255346 **Received** : 13 Nov 2023
Lab Number : 06006365 **Diagnosed** : 15 Nov 2023
Unique Number : 10740127 **Diagnostician** : Doug Bogart
Test Package : IND 2

ENERGY CENTER DOVER LLC - DCDOV
 1280 W NORTH ST
 DOVER, DE
 US 19904
 Contact: ERNIE JUST
 ernie.just@clearwayenergy.com
 T: (302)678-4353
 F:

Certificate L2367
 To discuss this sample report, contact Customer Service at 1-800-237-1369.
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)