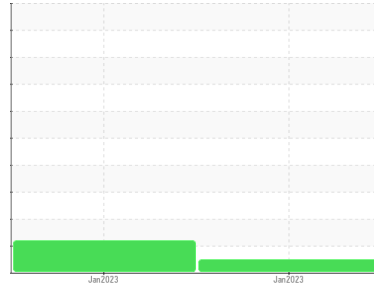




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
GEA C-6 (S/N V1177)

Component
Refrigeration Compressor
Fluid
APCCO A033 (--- GAL)

DIAGNOSIS

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			USP245887	USP245888	---
Sample Date	Client Info			24 Jan 2023	24 Jan 2023	---
Machine Age	hrs	Client Info		7564	7564	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			Not Changed	Not Changed	---
Sample Status				NORMAL	ATTENTION	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	---	0	---
Chromium	ppm	ASTM D5185m	>2	---	0	---
Nickel	ppm	ASTM D5185m		---	<1	---
Titanium	ppm	ASTM D5185m		---	0	---
Silver	ppm	ASTM D5185m	>2	---	0	---
Aluminum	ppm	ASTM D5185m	>3	---	0	---
Lead	ppm	ASTM D5185m	>2	---	0	---
Copper	ppm	ASTM D5185m	>8	---	0	---
Tin	ppm	ASTM D5185m	>4	---	<1	---
Vanadium	ppm	ASTM D5185m		---	0	---
Cadmium	ppm	ASTM D5185m		---	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		---	0	---
Barium	ppm	ASTM D5185m		---	0	---
Molybdenum	ppm	ASTM D5185m		---	0	---
Manganese	ppm	ASTM D5185m		---	<1	---
Magnesium	ppm	ASTM D5185m		---	0	---
Calcium	ppm	ASTM D5185m		---	0	---
Phosphorus	ppm	ASTM D5185m		---	0	---
Zinc	ppm	ASTM D5185m		---	0	---
Sulfur	ppm	ASTM D5185m		---	1	---

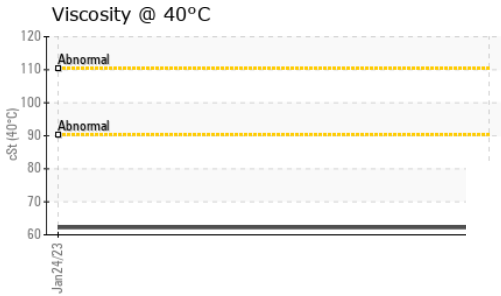
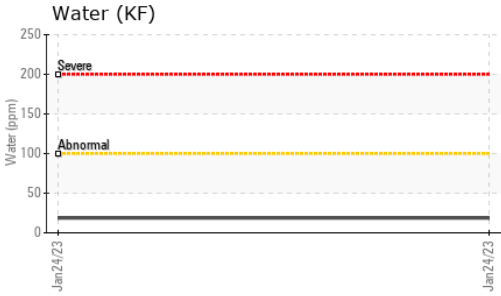
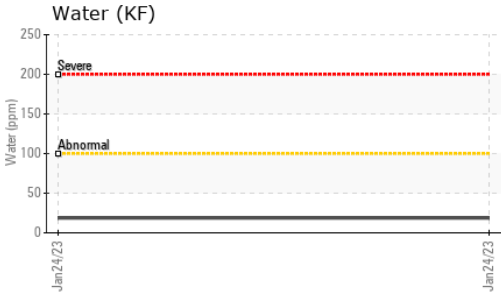
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	---	0	---
Sodium	ppm	ASTM D5185m		---	<1	---
Potassium	ppm	ASTM D5185m	>20	---	2	---
Water	%	ASTM D6304	>0.01	---	0.002	---
ppm Water	ppm	ASTM D6304	>100	---	18.7	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	---	▲ 10763	---
Particles >6µm		ASTM D7647	>2500	---	▲ 2870	---
Particles >14µm		ASTM D7647	>320	---	64	---
Particles >21µm		ASTM D7647	>80	---	6	---
Particles >38µm		ASTM D7647	>20	---	1	---
Particles >71µm		ASTM D7647	>4	---	0	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	---	▲ 21/19/13	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974		---	0.015	---



OIL ANALYSIS REPORT



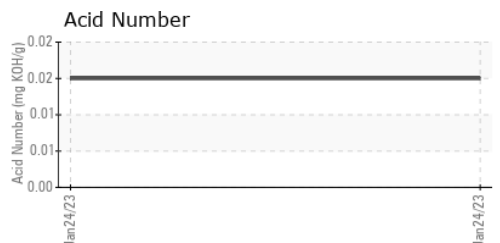
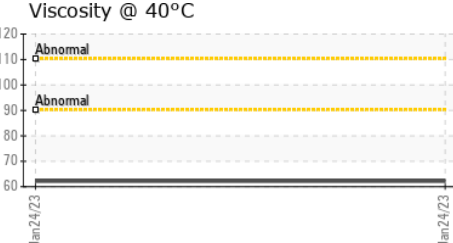
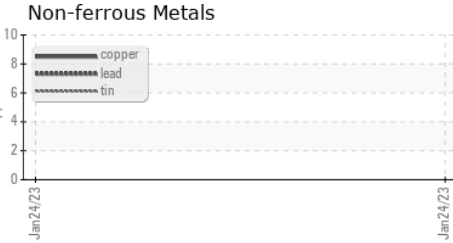
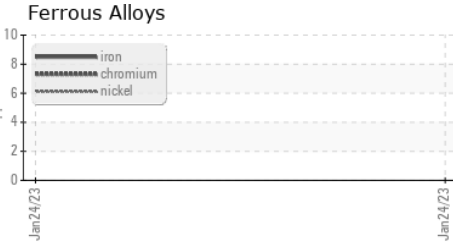
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	---	NONE
Yellow Metal	scalar	*Visual	NONE	---	NONE
Precipitate	scalar	*Visual	NONE	---	NONE
Silt	scalar	*Visual	NONE	---	NONE
Debris	scalar	*Visual	NONE	---	NONE
Sand/Dirt	scalar	*Visual	NONE	---	NONE
Appearance	scalar	*Visual	NORML	---	NORML
Odor	scalar	*Visual	NORML	---	NORML
Emulsified Water	scalar	*Visual	>0.01	---	NEG
Free Water	scalar	*Visual	---	---	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	---	62.2	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	no image		no image
Bottom	no image		no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : USP245887 **Received** : 23 May 2023
Lab Number : 05855230 **Diagnosed** : 02 Oct 2023
Unique Number : 10484585 **Diagnostician** : System
Test Package : IND 2 (Additional Tests: A-Ferr)

ARCTIC GLACIER
 43960 FREMONT BLVD
 FREMONT, CA
 US 94538
 Contact: Service Manager

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)

T:
F: