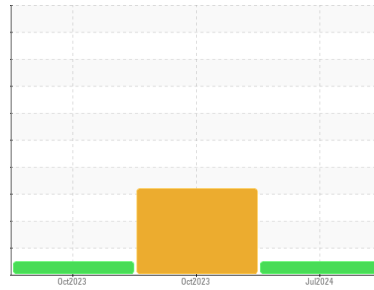




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
SFG-200 [296979]
 Machine Id
IT220446 - SENECA FOODS
 Component
Compressor

DIAGNOSIS

Recommendation

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of visible silt present in the sample.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			UFD0000543	UFD0000101	UFD0000342
Sample Date	Client Info			11 Jul 2024	06 Oct 2023	06 Oct 2023
Machine Age	hrs	Client Info		1919	1803	1803
Oil Age	hrs	Client Info		0	0	0
Oil Changed	Client Info			Not Changed	Changed	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	NEG	NEG	NEG

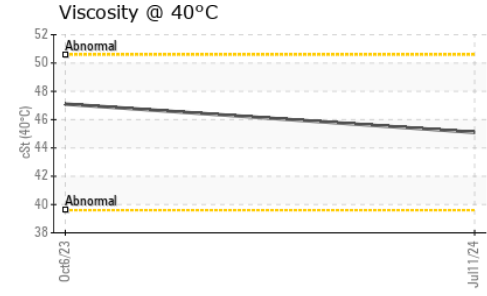
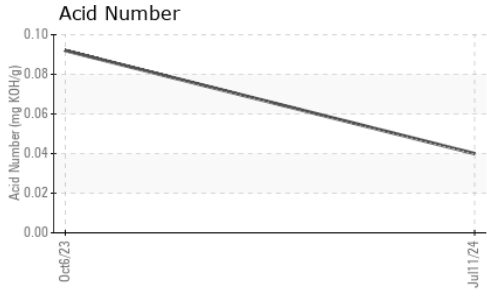
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	8	---	9
Chromium	ppm	ASTM D5185m	>10	<1	---	0
Nickel	ppm	ASTM D5185m		<1	---	0
Titanium	ppm	ASTM D5185m		<1	---	0
Silver	ppm	ASTM D5185m		0	---	0
Aluminum	ppm	ASTM D5185m	>25	3	---	0
Lead	ppm	ASTM D5185m	>25	<1	---	0
Copper	ppm	ASTM D5185m	>50	<1	---	0
Tin	ppm	ASTM D5185m	>15	<1	---	0
Vanadium	ppm	ASTM D5185m		0	---	0
Cadmium	ppm	ASTM D5185m		<1	---	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	---	0
Barium	ppm	ASTM D5185m		<1	---	0
Molybdenum	ppm	ASTM D5185m		<1	---	0
Manganese	ppm	ASTM D5185m		<1	---	<1
Magnesium	ppm	ASTM D5185m		<1	---	0
Calcium	ppm	ASTM D5185m		0	---	0
Phosphorus	ppm	ASTM D5185m		313	---	211
Zinc	ppm	ASTM D5185m		4	---	0
Sulfur	ppm	ASTM D5185m		199	---	170

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5	---	1
Sodium	ppm	ASTM D5185m		0	---	<1
Potassium	ppm	ASTM D5185m	>20	2	---	0

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.04	---	0.092

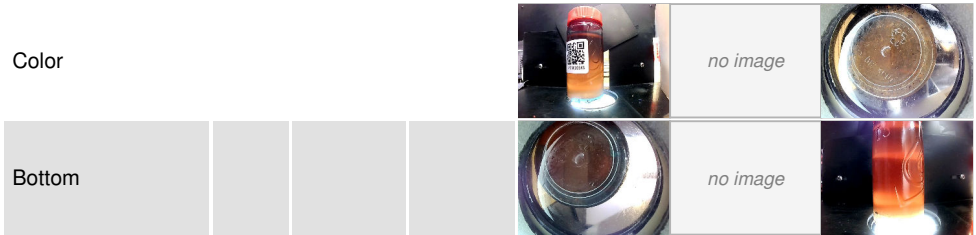
OIL ANALYSIS REPORT



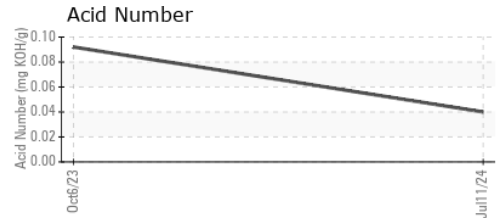
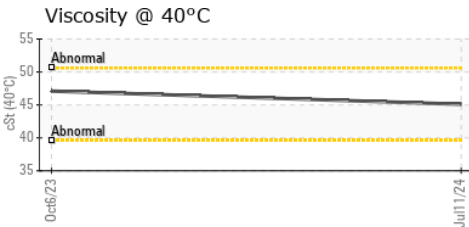
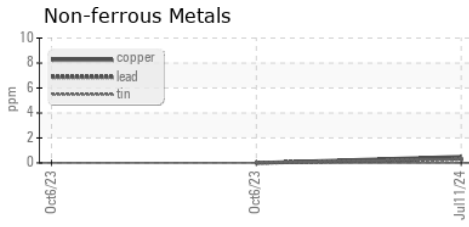
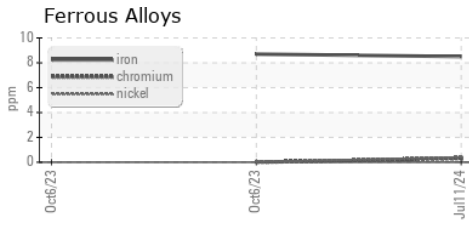
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	---	NONE
Precipitate	scalar	*Visual	NONE	NONE	---	NONE
Silt	scalar	*Visual	NONE	MODER	---	MODER
Debris	scalar	*Visual	NONE	NONE	---	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	---	NONE
Appearance	scalar	*Visual	NORML	NORML	---	NORML
Odor	scalar	*Visual	NORML	NORML	---	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	---	0.2%
Free Water	scalar	*Visual		NEG	---	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	45.1	---	47.1

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UFD0000543 **Received** : 17 Jul 2024
Lab Number : **06239277** **Tested** : 18 Jul 2024
Unique Number : 11128111 **Diagnosed** : 19 Jul 2024 - Sean Felton
Test Package : IND 2

FLUID-AIRE DYNAMICS
 225 SPRING LAKE DR
 ITASCA, IL
 US 60143
 Contact: ED DIENER
 ed.diener@fluidairedynamics.com
 T: (847)678-8388
 F:

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)