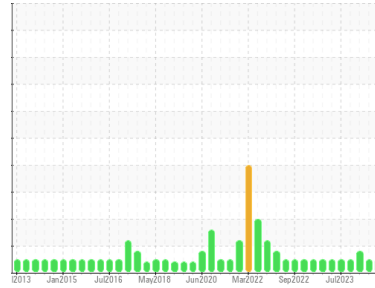




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
SLAUGHTER
 Machine Id
SULLAIR TYSAMAS 2 SUL (S/N 007-99000331)
 Component
Refrigeration Compressor
 Fluid
USPI 1009-68 SC (--- 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			USP0006113	USP0003551	USP0003556
Sample Date	Client Info			05 Mar 2024	15 Nov 2023	14 Nov 2023
Machine Age	hrs	Client Info		14476	12172	12172
Oil Age	hrs	Client Info		0	0	0
Oil Changed	Client Info			N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ATTENTION

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

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	---	0
Barium	ppm	ASTM D5185m		0	---	0
Molybdenum	ppm	ASTM D5185m		0	---	0
Manganese	ppm	ASTM D5185m		<1	---	<1
Magnesium	ppm	ASTM D5185m		0	---	0
Calcium	ppm	ASTM D5185m		<1	---	1
Phosphorus	ppm	ASTM D5185m		0	---	0
Zinc	ppm	ASTM D5185m		0	---	0
Sulfur	ppm	ASTM D5185m	50	0	---	0

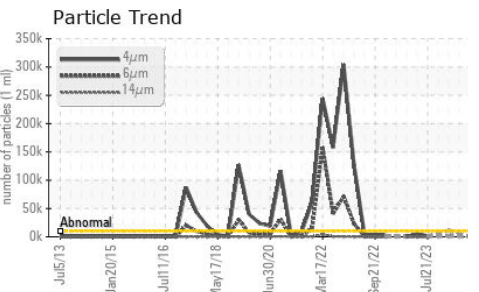
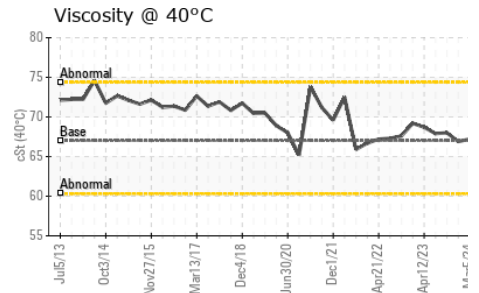
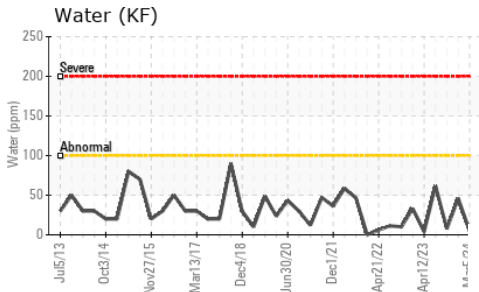
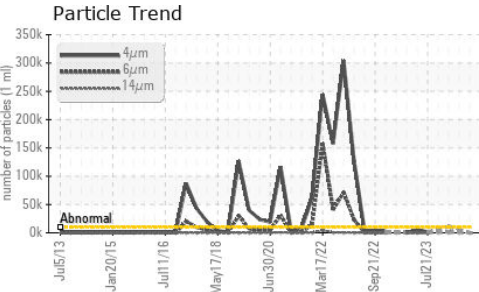
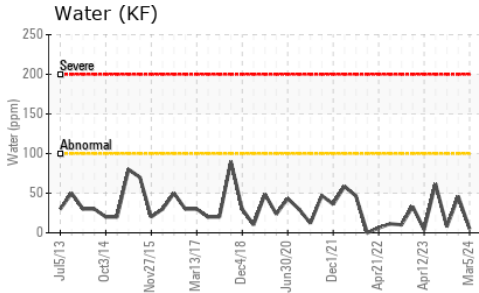
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0	---	0
Sodium	ppm	ASTM D5185m		1	---	0
Potassium	ppm	ASTM D5185m	>20	0	---	0
Water	%	ASTM D6304	>0.01	0.001	---	0.004
ppm Water	ppm	ASTM D6304	>100	5	---	46

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	567	---	● 10476
Particles >6µm		ASTM D7647	>2500	101	---	2004
Particles >14µm		ASTM D7647	>320	7	---	34
Particles >21µm		ASTM D7647	>80	1	---	5
Particles >38µm		ASTM D7647	>20	0	---	0
Particles >71µm		ASTM D7647	>4	0	---	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	16/14/10	---	● 21/18/12

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.014	---	0.01



OIL ANALYSIS REPORT



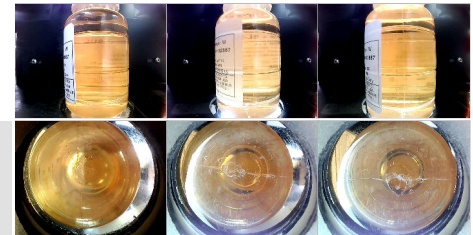
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*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	67	67.2	---

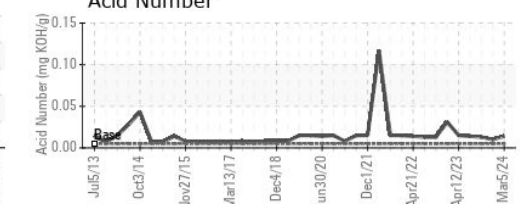
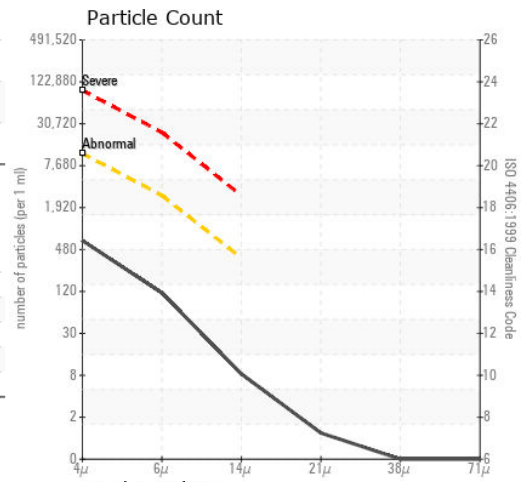
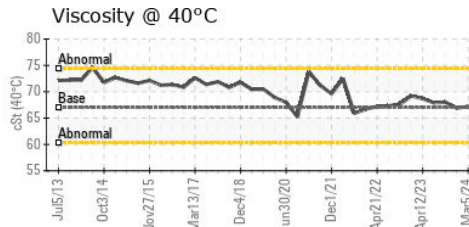
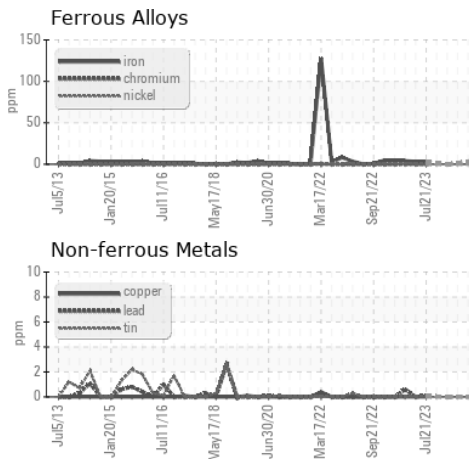
SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color

Bottom



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : USP0006113
 Lab Number : 06123175
 Unique Number : 10937326
 Test Package : IND 2

TYSON -AMARILLO-USB
 AMARILLO, TX
 US
 Contact: RANDY INGRAM

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: (806)355-7732
 F: (806)352-6946