



OIL ANALYSIS REPORT

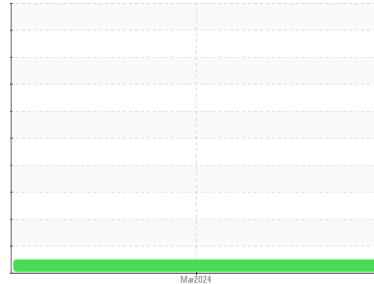
Sample Rating Trend

NORMAL



OIL TOTE AND SAMPLES (S/N 26711-001-1-01-09)

Machine Id
Component
Refrigeration Compressor
Fluid
USPI ALT-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	USP0008306	---	---
Sample Date	Client Info	24 Mar 2024	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >8	0	---	---
Chromium ppm	ASTM D5185m >2	0	---	---
Nickel ppm	ASTM D5185m	0	---	---
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	0	---	---
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	0	---	---
Magnesium ppm	ASTM D5185m	0	---	---
Calcium ppm	ASTM D5185m	0	---	---
Phosphorus ppm	ASTM D5185m	0	---	---
Zinc ppm	ASTM D5185m	0	---	---
Sulfur ppm	ASTM D5185m 50	0	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >15	<1	---	---
Sodium ppm	ASTM D5185m	<1	---	---
Potassium ppm	ASTM D5185m >20	0	---	---
Water %	ASTM D6304 >0.01	0.001	---	---
ppm Water	ASTM D6304 >100	9	---	---

FLUID CLEANLINESS

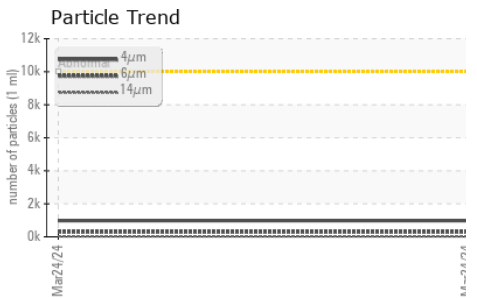
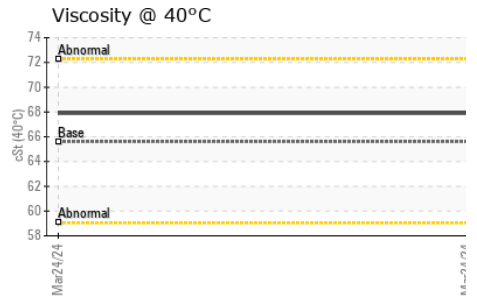
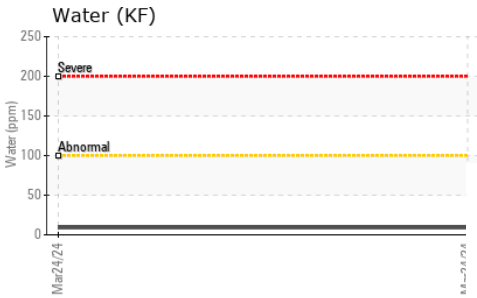
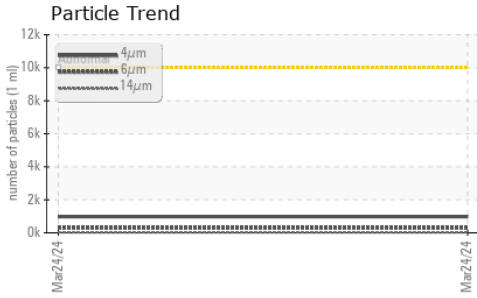
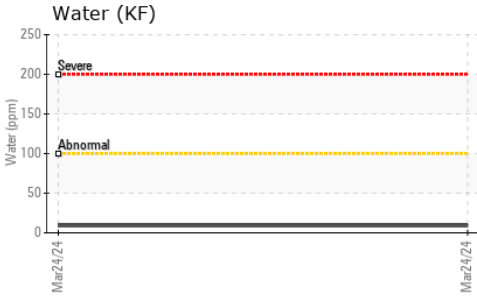
method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >10000	977	---	---
Particles >6µm	ASTM D7647 >2500	300	---	---
Particles >14µm	ASTM D7647 >320	28	---	---
Particles >21µm	ASTM D7647 >80	8	---	---
Particles >38µm	ASTM D7647 >20	1	---	---
Particles >71µm	ASTM D7647 >4	0	---	---
Oil Cleanliness	ISO 4406 (c) >20/18/15	17/15/12	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g	ASTM D974 0.005	0.028	---	---



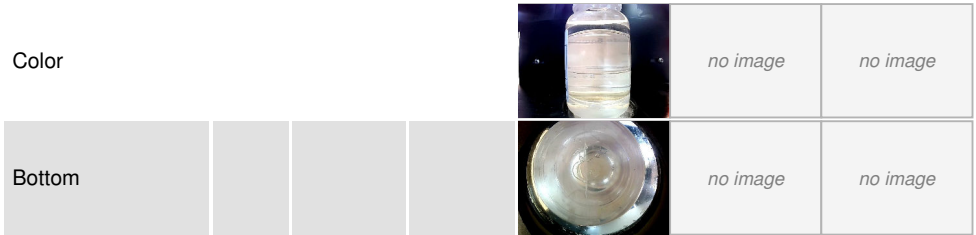
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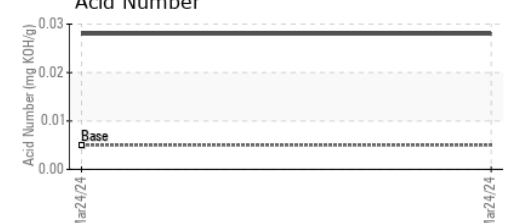
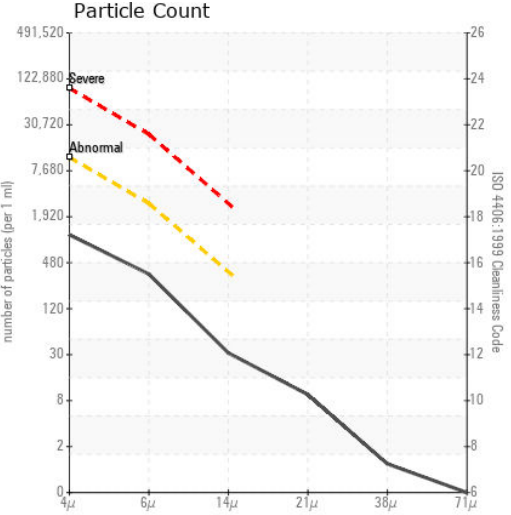
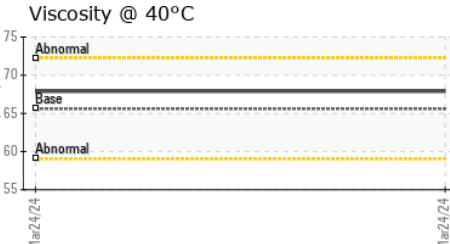
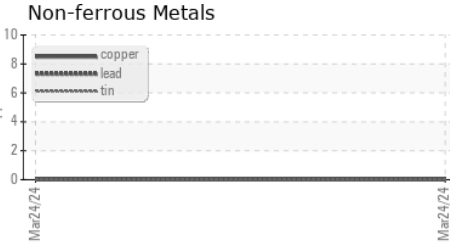
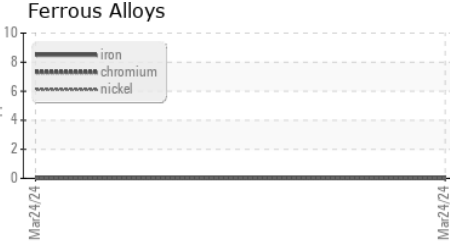
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*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	65.6	67.9	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : USP0008306
 Lab Number : **06132076**
 Unique Number : 10951541
 Test Package : IND 2
 Received : 28 Mar 2024
 Tested : 29 Mar 2024
 Diagnosed : 29 Mar 2024 - Doug Bogart

TYSON FOODS - RINGGOLD VA
 1725 CANE CREEK PKWY
 RINGGOLD, VA
 US 24586
 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)

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F: