



PROBLEM SUMMARY

Sample Rating Trend



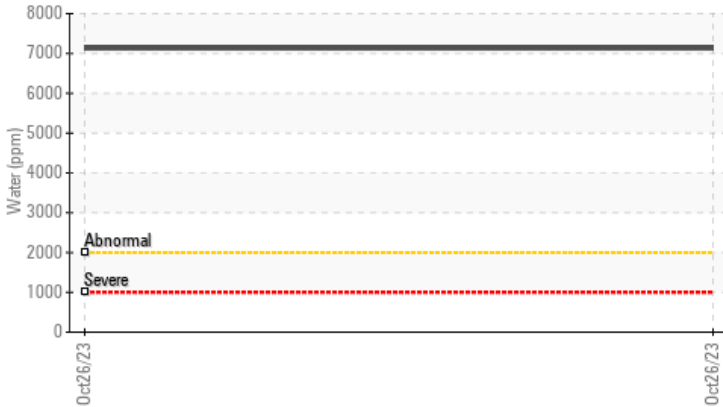
WATER



Machine Id
SULLAIR TS-32 (S/N 21069-FGE)
 Component
Air Compressor
 Fluid
USPI AIR 46 (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Water (KF)



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Water	%	ASTM D6304	>0.2	▲ 0.712	---	---
ppm Water	ppm	ASTM D6304	>2000	▲ 7129	---	---
Debris	scalar	*Visual	NONE	▲ MODER	---	---

Customer Id: TYSTRA
Sample No.: USPM31383
Lab Number: 06016441
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

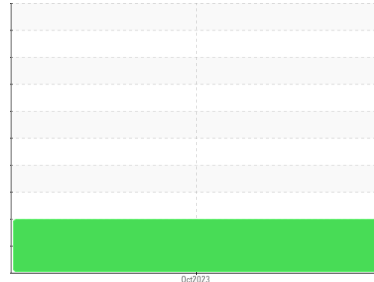
Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.
Alert	---	---	?	We were unable to perform a particle count due to a high concentration of particles present in this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
SULLAIR TS-32 (S/N 21069-FGE)

Component
Air Compressor
Fluid
USPI AIR 46 (--- GAL)

DIAGNOSIS

▲ Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

All component wear rates are normal.

▲ Contamination

There is a moderate concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		USPM31383	---	---
Sample Date	Client Info		26 Oct 2023	---	---
Machine Age	hrs	Client Info	44502	---	---
Oil Age	hrs	Client Info	1604	---	---
Oil Changed		Client Info	N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	4	---	---
Chromium	ppm	ASTM D5185m >4	<1	---	---
Nickel	ppm	ASTM D5185m >4	<1	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >10	0	---	---
Lead	ppm	ASTM D5185m >20	0	---	---
Copper	ppm	ASTM D5185m >40	<1	---	---
Tin	ppm	ASTM D5185m >5	<1	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	<1	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0	0	---	---
Barium	ppm	ASTM D5185m 0	513	---	---
Molybdenum	ppm	ASTM D5185m 0	<1	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m 0	1	---	---
Calcium	ppm	ASTM D5185m 0	3	---	---
Phosphorus	ppm	ASTM D5185m 1	0	---	---
Zinc	ppm	ASTM D5185m 0	0	---	---
Sulfur	ppm	ASTM D5185m 0	200	---	---

CONTAMINANTS

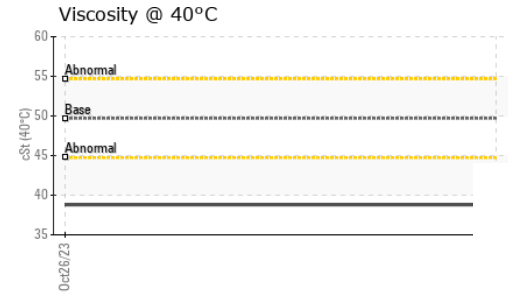
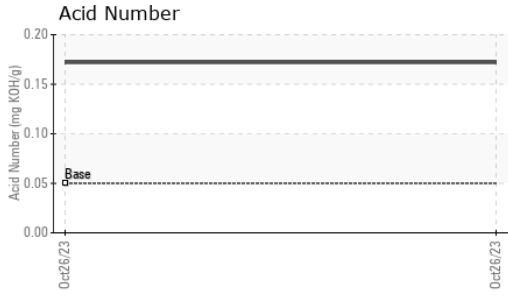
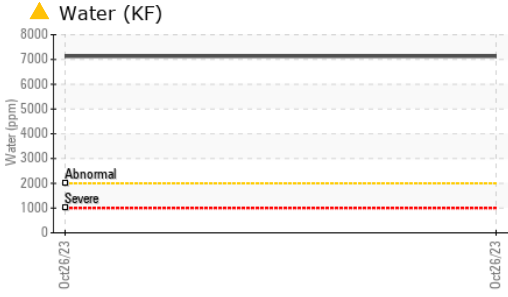
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	1	---	---
Sodium	ppm	ASTM D5185m	21	---	---
Potassium	ppm	ASTM D5185m >20	3	---	---
Water	%	ASTM D6304 >0.2	▲ 0.712	---	---
ppm Water	ppm	ASTM D6304 >2000	▲ 7129	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.05	0.172	---	---





OIL ANALYSIS REPORT



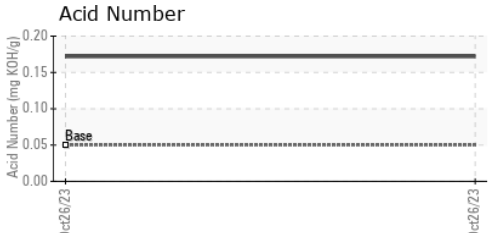
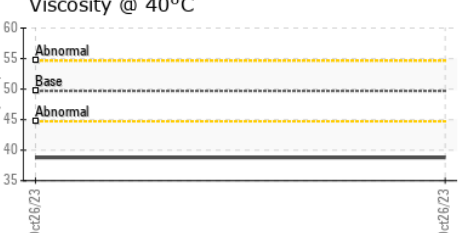
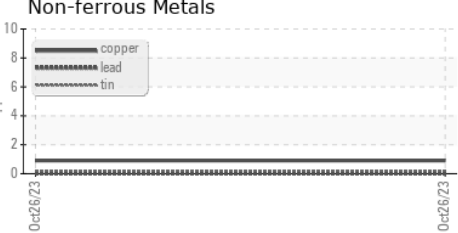
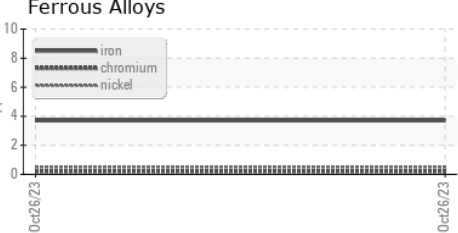
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	LIGHT	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	▲ MODER	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	49.7	38.8	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : USPM31383 **Received** : 24 Nov 2023
Lab Number : 06016441 **Diagnosed** : 27 Nov 2023
Unique Number : 10755585 **Diagnostician** : Doug Bogart
Test Package : IND 2

SARA LEE - TRAVERSE CITY
 2314 SYBRANT RD
 TRAVERSE CITY, MI
 US 49684
 Contact:

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: