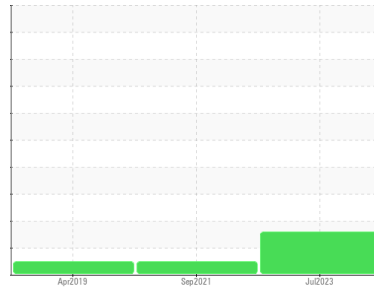


# PROBLEM SUMMARY

Sample Rating Trend



## VISUAL METAL



Area  
**TRAVIANI DYNALUBE**  
Machine Id  
**TRAVAINI VAC 2 - 63950-16 - SHENANDOAH FURNITURE**  
Component  
**Compressor**

## COMPONENT CONDITION SUMMARY

No relevant graphs to display

### RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	NORMAL	NORMAL
White Metal	scalar	*Visual	NONE	▲ MODER	LIGHT	LIGHT
Debris	scalar	*Visual	NONE	▲ MODER	NONE	NONE

Customer Id: UCSTAEK  
Sample No.: UCS05905574  
Lab Number: 05905574  
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Angela Borella +1 800-237-1369  
[angela.borella@wearcheckusa.com](mailto:angela.borella@wearcheckusa.com)

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

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	Oil and filter change at the time of sampling has been noted.
Change Filter	---	---	?	Oil and filter change at the time of sampling has been noted.

## HISTORICAL DIAGNOSIS

### 01 Sep 2021 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

[view report](#)



### 30 Apr 2019 Diag: Jonathan Hester

NORMAL

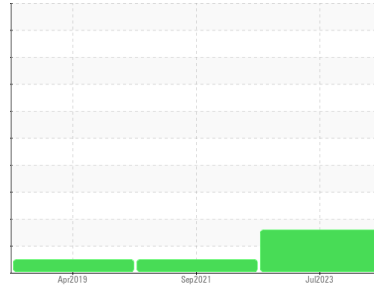


Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

[view report](#)



Area  
**TRAVIANI DYNALUBE**  
Machine Id  
**TRAVAINI VAC 2 - 63950-16 - SHENANDOAH FURNITURE**  
Component  
**Compressor**



**DIAGNOSIS**

**Recommendation**  
Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

**Wear**  
Moderate concentration of visible metal present. All component wear rates are normal.

**Contamination**  
Moderate concentration of visible dirt/debris present in the oil.

**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			<b>UCS05905574</b>	UCS05368667	UCS04709835
Sample Date	Client Info			<b>18 Jul 2023</b>	01 Sep 2021	30 Apr 2019
Machine Age	hrs	Client Info		<b>32850</b>	24828	15105
Oil Age	hrs	Client Info		<b>8022</b>	5241	6745
Oil Changed	Client Info			<b>Changed</b>	Changed	Changed
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL

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

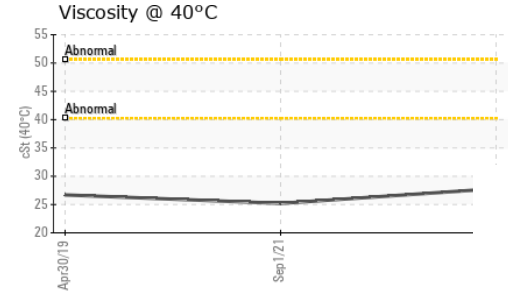
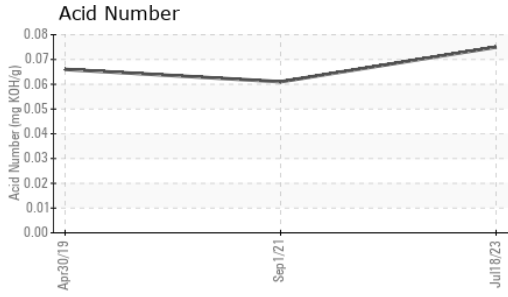
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>0</b>	0	<1
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	1	<1
Calcium	ppm	ASTM D5185m		<b>&lt;1</b>	4	<1
Phosphorus	ppm	ASTM D5185m		<b>&lt;1</b>	7	<1
Zinc	ppm	ASTM D5185m		<b>0</b>	0	<1
Sulfur	ppm	ASTM D5185m		<b>42</b>	64	131

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>7</b>	3	5
Sodium	ppm	ASTM D5185m		<b>2</b>	4	3
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	2	<1

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.075</b>	0.061	0.066

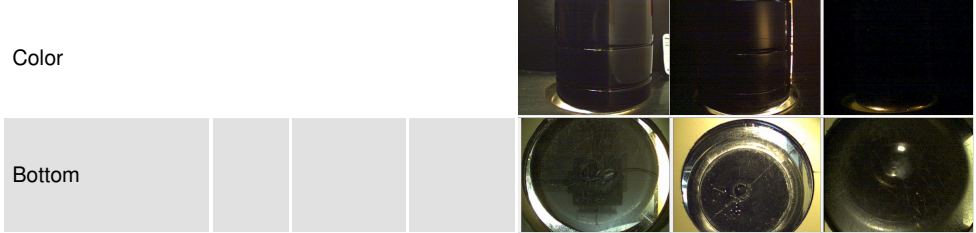
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>▲ MODER</b>	LIGHT	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>▲ MODER</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual		<b>NEG</b>	ARRIVEC WEDDLE - NEG	UCSTAEK

# OIL ANALYSIS REPORT

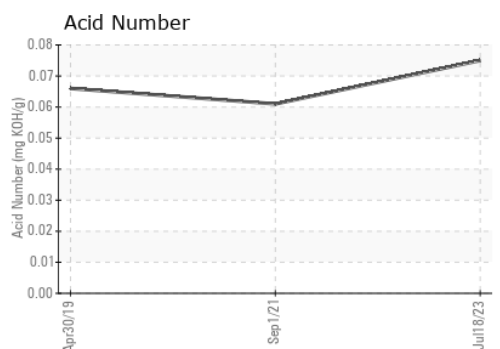
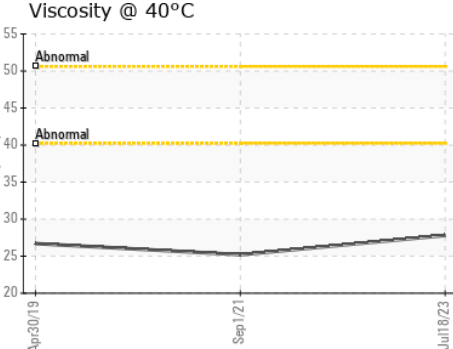
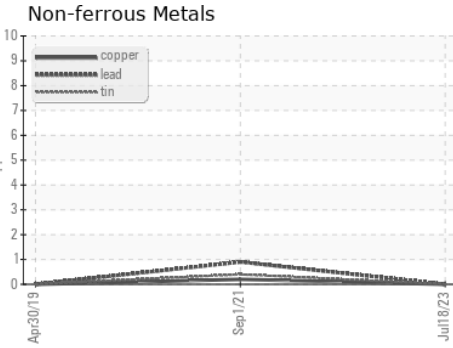
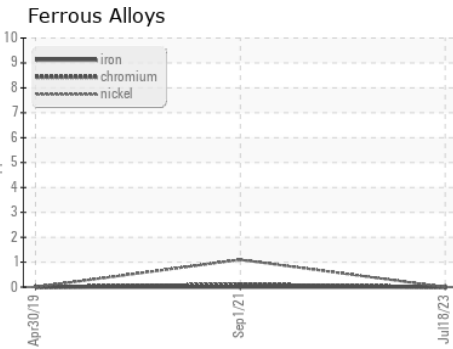


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	<b>27.8</b>	25.2	26.7

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS05905574    **Received** : 24 Jul 2023  
**Lab Number** : **05905574**    **Diagnosed** : 26 Jul 2023  
**Unique Number** : 10566930    **Diagnostician** : Angela Borella  
**Test Package** : IND 2

**STANLEY HEATING & AIR**  
 1002 DOBBINS MILL RD  
 ELKIN, NC  
 US 28621  
 Contact: DARRYL WEDDLE  
 darryl@stanleyhvac.com  
 T: (336)366-4226  
 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)