



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**timberpro TL745D SCHAEFER LOGGING (S/N TL745D0832041321)**

Component  
**Right Final Drive**  
 Fluid  
**{not provided} (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0614555</b>	WC0589694	---
Sample Date		Client Info		<b>02 Jan 2024</b>	17 Aug 2021	---
Machine Age	hrs	Client Info		<b>347</b>	0	---
Oil Age	hrs	Client Info		<b>0</b>	125	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	Not Changd	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>196</b>	51	---
Chromium	ppm	ASTM D5185m	>10	<b>7</b>	<1	---
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m		<b>1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>12</b>	1	---
Lead	ppm	ASTM D5185m	>25	<b>3</b>	<1	---
Copper	ppm	ASTM D5185m	>50	<b>9</b>	5	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

## CONTAMINATION

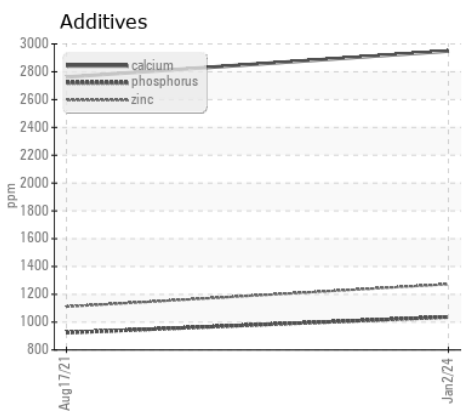
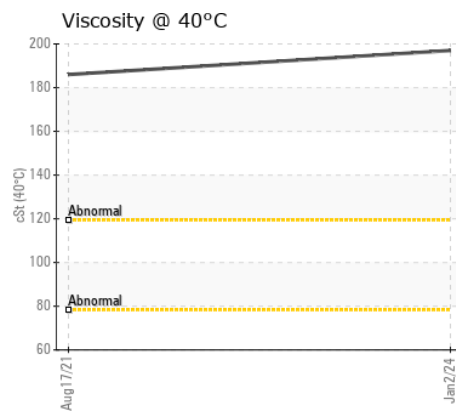
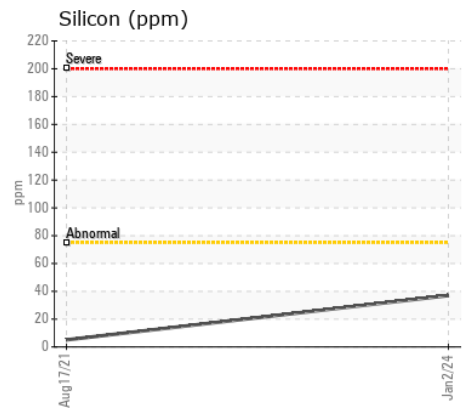
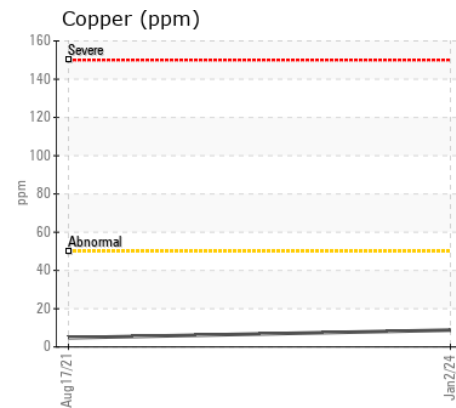
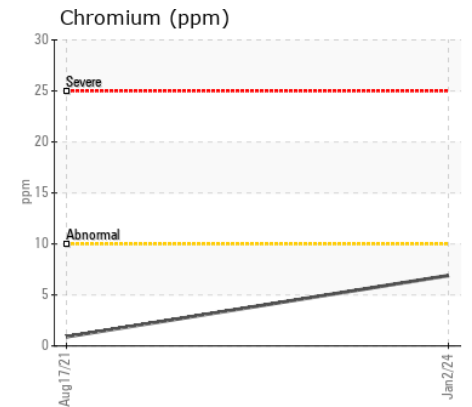
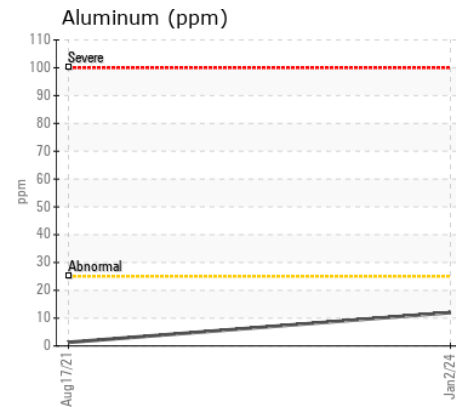
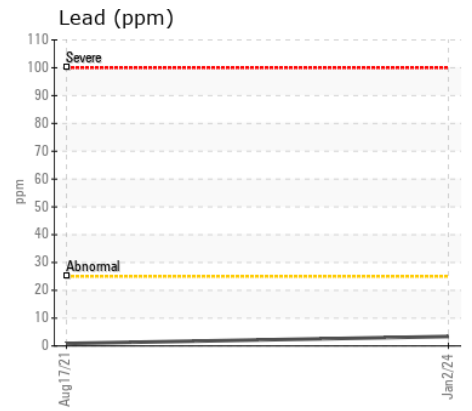
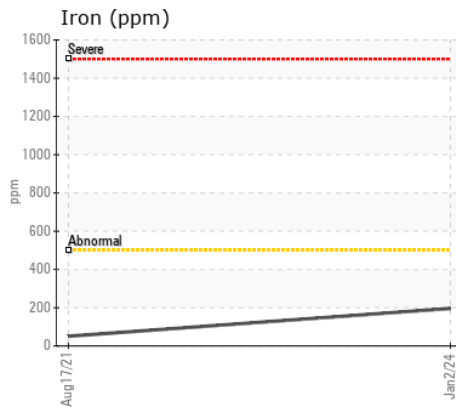
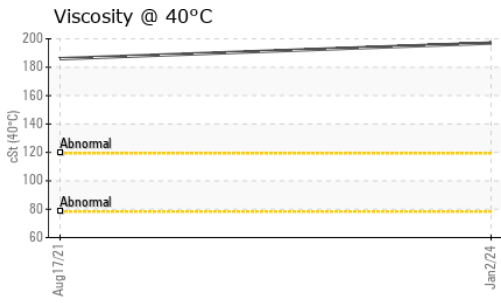
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>37</b>	5	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>LIGHT</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---

## FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>2</b>	4	---
Boron	ppm	ASTM D5185m		<b>0</b>	9	---
Barium	ppm	ASTM D5185m		<b>17</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>6</b>	2	---
Magnesium	ppm	ASTM D5185m		<b>13</b>	8	---
Calcium	ppm	ASTM D5185m		<b>2949</b>	2762	---
Phosphorus	ppm	ASTM D5185m		<b>1037</b>	924	---
Zinc	ppm	ASTM D5185m		<b>1273</b>	1111	---
Sulfur	ppm	ASTM D5185m		<b>7297</b>	6277	---
Visc @ 40°C	cSt	ASTM D445		<b>197</b>	186	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0614555 **Recieved** : 16 Jan 2024  
**Lab Number** : 06061528 **Diagnosed** : 17 Jan 2024  
**Unique Number** : 10832910 **Diagnostician** : Wes Davis  
**Test Package** : MOBCE

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)

**CJ LOGGING**  
 8730 INDUSTRIAL DRIVE  
 BOONVILLE, NY  
 US 13309  
 Contact: SUE CAIN  
 sue@cjlogequip.com  
 T: (315)942-5431  
 F: