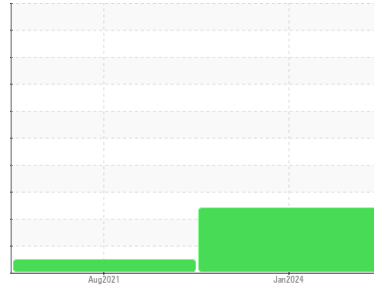




OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
timberpro TL745D SCHAEFER LOGGING (S/N TL745D0832041321)
 Component
Left Final Drive
 Fluid
TDTO FLUID SAE 50 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0614554	WC0589693	---
Sample Date	Client Info		02 Jan 2024	17 Aug 2021	---
Machine Age	hrs	Client Info	347	0	---
Oil Age	hrs	Client Info	347	125	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			ABNORMAL	NORMAL	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	247	70	---
Chromium	ppm	ASTM D5185m >10	8	1	---
Nickel	ppm	ASTM D5185m >10	<1	0	---
Titanium	ppm	ASTM D5185m	2	<1	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	▲ 18	2	---
Lead	ppm	ASTM D5185m >25	4	<1	---
Copper	ppm	ASTM D5185m >50	14	5	---
Tin	ppm	ASTM D5185m >10	<1	<1	---
Antimony	ppm	ASTM D5185m >5	---	0	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 37	0	7	---
Barium	ppm	ASTM D5185m 7	14	<1	---
Molybdenum	ppm	ASTM D5185m 5	0	<1	---
Manganese	ppm	ASTM D5185m	6	2	---
Magnesium	ppm	ASTM D5185m 40	13	9	---
Calcium	ppm	ASTM D5185m 2650	2900	2873	---
Phosphorus	ppm	ASTM D5185m 1050	1008	941	---
Zinc	ppm	ASTM D5185m 1075	1247	1136	---
Sulfur	ppm	ASTM D5185m 5750	6900	6316	---

CONTAMINANTS

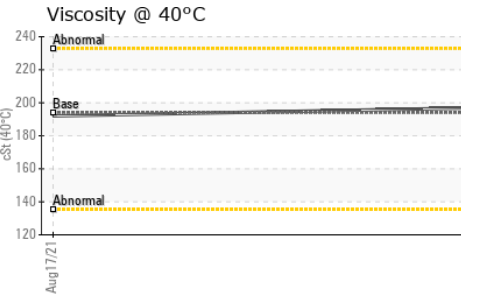
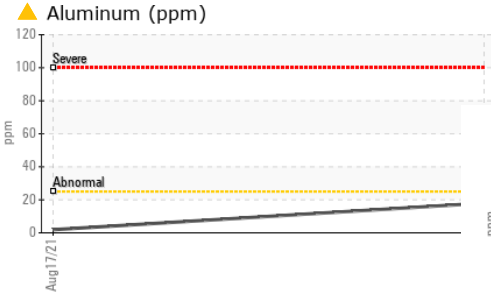
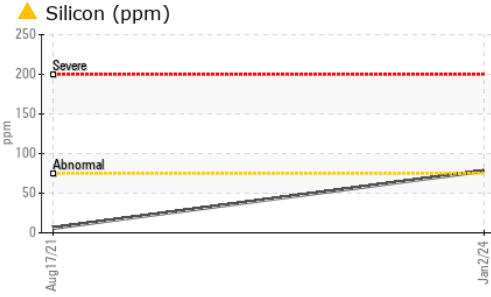
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	▲ 78	6	---
Sodium	ppm	ASTM D5185m	3	6	---
Potassium	ppm	ASTM D5185m >20	3	0	---

VISUAL

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



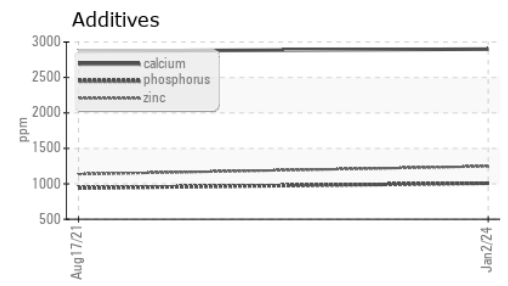
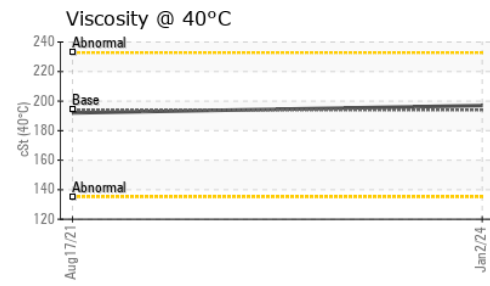
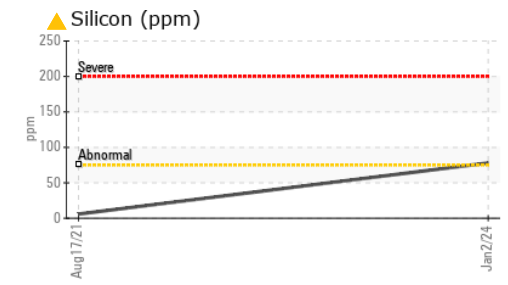
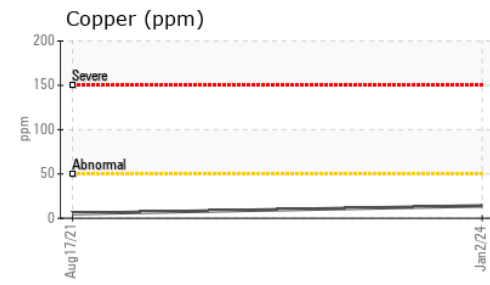
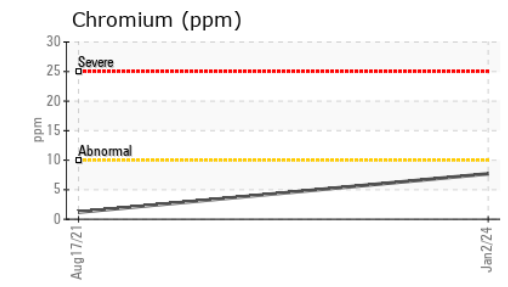
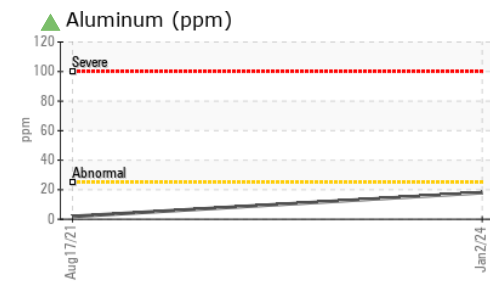
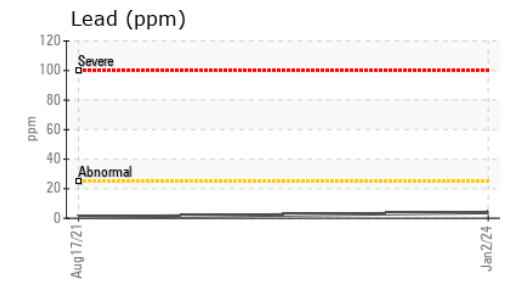
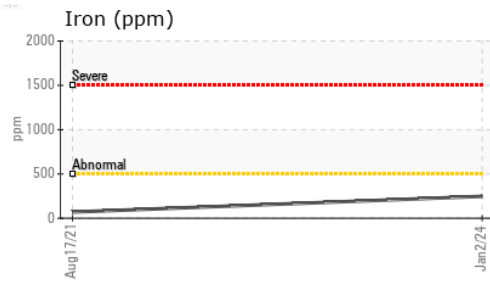
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 194	197	192	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0614554 **Recieved** : 16 Jan 2024
Lab Number : 06061529 **Diagnosed** : 17 Jan 2024
Unique Number : 10832911 **Diagnostician** : Don Baldrige
Test Package : MOBCE

CJ LOGGING
 8730 INDUSTRIAL DRIVE
 BOONVILLE, NY
 US 13309
 Contact: Elise Bailey
 msmith@cjlogequip.com
 T:
 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)