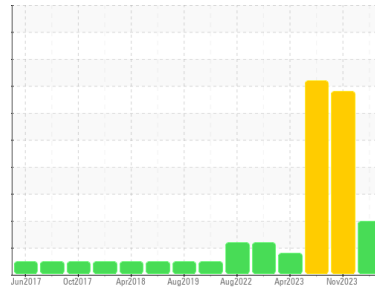




# OIL ANALYSIS REPORT

Sample Rating Trend



ISO



Machine Id  
**STRIPPIT GLOBAL 30 1225 Global (S/N 094112904)**  
 Component  
**Hydraulic System**  
 Fluid  
 {not provided} (--- GAL)

## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is a high amount of particulates 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>PTK0005347</b>	PTK0005041	PTK0004670
Sample Date	Client Info	<b>06 Apr 2024</b>	20 Nov 2023	21 Aug 2023
Machine Age	hrs	<b>0</b>	0	0
Oil Age	hrs	<b>0</b>	0	0
Oil Changed	Client Info	<b>Not Changed</b>	Not Changed	Not Changed
Sample Status		<b>ABNORMAL</b>	SEVERE	SEVERE

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	NEG	NEG

## WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >20	<b>1</b>	0	2
Chromium	ppm	ASTM D5185m >10	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m >10	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m	<b>0</b>	0	<1
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >10	<b>&lt;1</b>	1	2
Lead	ppm	ASTM D5185m >10	<b>0</b>	1	1
Copper	ppm	ASTM D5185m >75	<b>0</b>	0	1
Tin	ppm	ASTM D5185m >10	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	<1
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	<1

## ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m	<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185m	<b>&lt;1</b>	2	6
Calcium	ppm	ASTM D5185m	<b>117</b>	122	131
Phosphorus	ppm	ASTM D5185m	<b>421</b>	437	464
Zinc	ppm	ASTM D5185m	<b>585</b>	631	636
Sulfur	ppm	ASTM D5185m	<b>2911</b>	2764	3248

## CONTAMINANTS

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

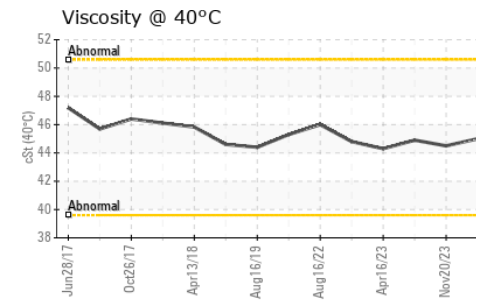
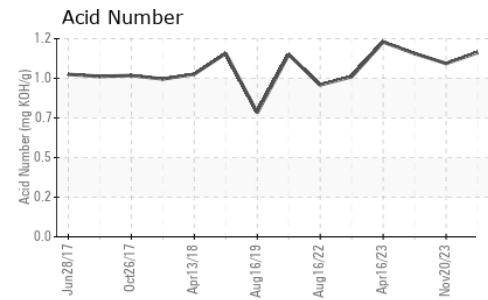
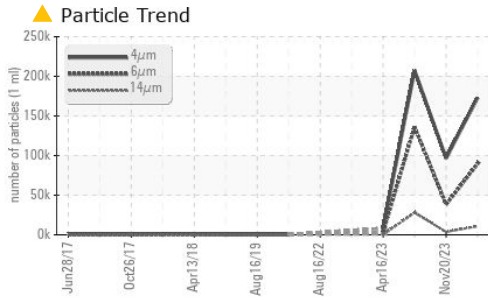
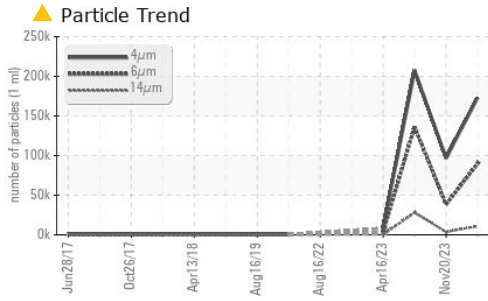
## FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	<b>172744</b>	96631	207437
Particles >6µm	ASTM D7647 >2500	<b>▲ 89765</b>	▲ 38329	▲ 136188
Particles >14µm	ASTM D7647 >320	<b>▲ 10968</b>	▲ 3618	▲ 27978
Particles >21µm	ASTM D7647 >80	<b>▲ 2408</b>	▲ 904	▲ 8040
Particles >38µm	ASTM D7647 >20	<b>▲ 56</b>	17	▲ 137
Particles >71µm	ASTM D7647 >4	<b>1</b>	0	2
Oil Cleanliness	ISO 4406 (c) >--/18/15	<b>▲ 25/24/21</b>	▲ 24/22/19	▲ 25/24/22

## FLUID DEGRADATION

method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>1.116</b>	1.05	1.11

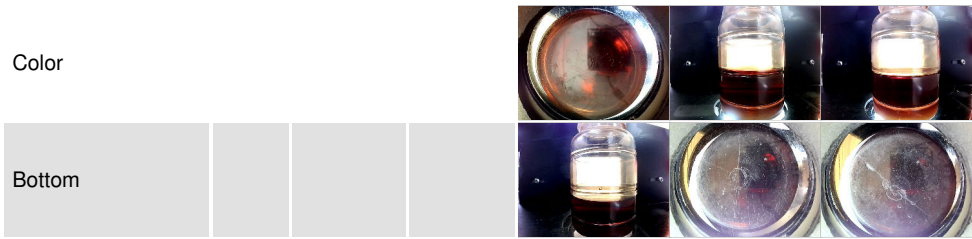
# OIL ANALYSIS REPORT



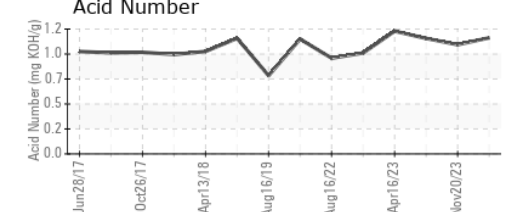
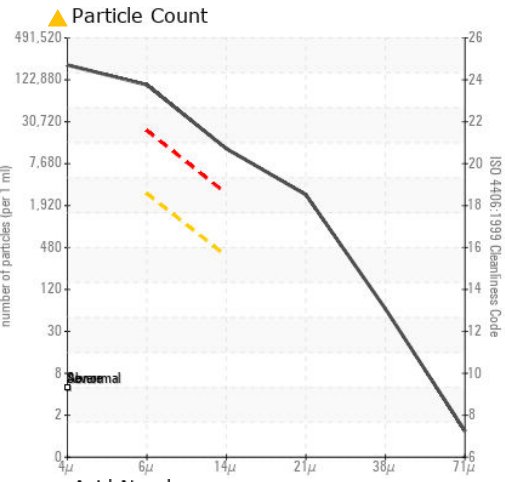
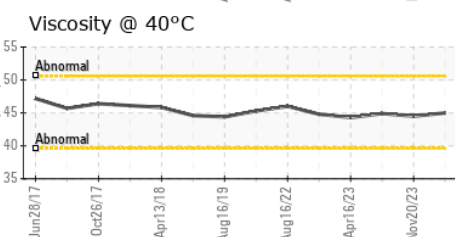
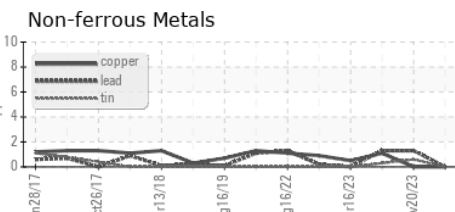
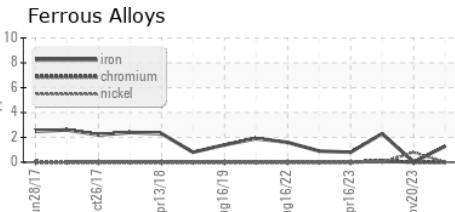
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	45.0	44.5	44.9

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PTK0005347  
**Lab Number** : 06145834  
**Unique Number** : 10975912  
**Test Package** : MOB 2  
**Received** : 11 Apr 2024  
**Tested** : 12 Apr 2024  
**Diagnosed** : 15 Apr 2024 - Don Baldrige

**CDI**  
 17560 TYLER ST NW  
 ELK RIVER, MN  
 US 55330  
 Contact: RICHARD GAREIS  
 rgareis@cdicurbs.com

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)