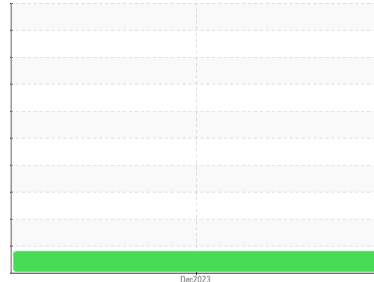


# OIL ANALYSIS REPORT

Sample Rating Trend



ISO



Machine Id  
**TRY PRESS 100**  
 Component  
**Gearbox**  
 Fluid  
**R&O OIL ISO 100 (--- GAL)**

## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

### Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PCA0115292</b>	---	---
Sample Date	Client Info	<b>20 Dec 2023</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---
Oil Age	hrs	Client Info	<b>0</b>	---
Oil Changed	Client Info	<b>Not Changed</b>	---	---
Sample Status		<b>ATTENTION</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	<b>2</b>	---
Chromium	ppm	ASTM D5185m >10	<b>&lt;1</b>	---
Nickel	ppm	ASTM D5185m >10	<b>0</b>	---
Titanium	ppm	ASTM D5185m	<b>0</b>	---
Silver	ppm	ASTM D5185m	<b>0</b>	---
Aluminum	ppm	ASTM D5185m >25	<b>1</b>	---
Lead	ppm	ASTM D5185m >50	<b>3</b>	---
Copper	ppm	ASTM D5185m >200	<b>2</b>	---
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 5	<b>0</b>	---
Barium	ppm	ASTM D5185m 5	<b>10</b>	---
Molybdenum	ppm	ASTM D5185m 5	<b>0</b>	---
Manganese	ppm	ASTM D5185m	<b>0</b>	---
Magnesium	ppm	ASTM D5185m 5	<b>2</b>	---
Calcium	ppm	ASTM D5185m 5	<b>4</b>	---
Phosphorus	ppm	ASTM D5185m 100	<b>21</b>	---
Zinc	ppm	ASTM D5185m 25	<b>10</b>	---
Sulfur	ppm	ASTM D5185m 1500	<b>195</b>	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>0</b>	---
Sodium	ppm	ASTM D5185m	<b>0</b>	---
Potassium	ppm	ASTM D5185m >20	<b>1</b>	---
Water	%	ASTM D6304 >0.2	<b>NEG</b>	---

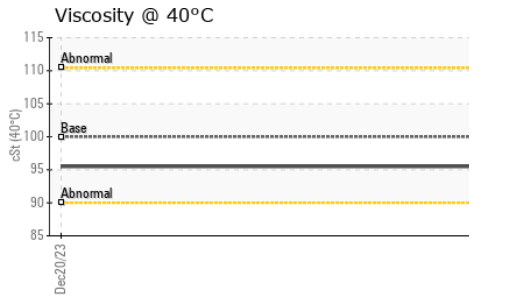
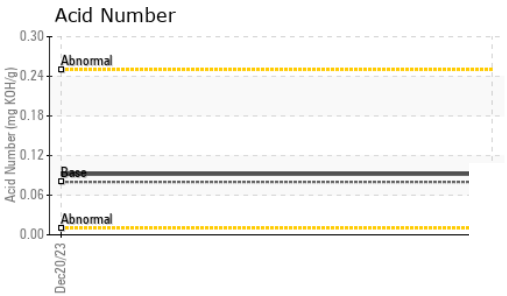
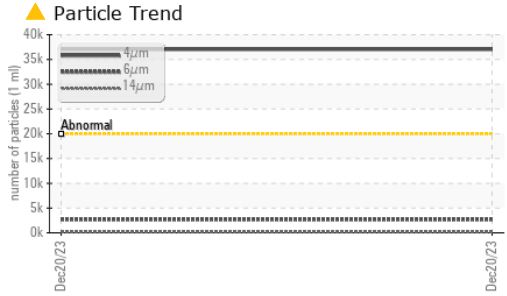
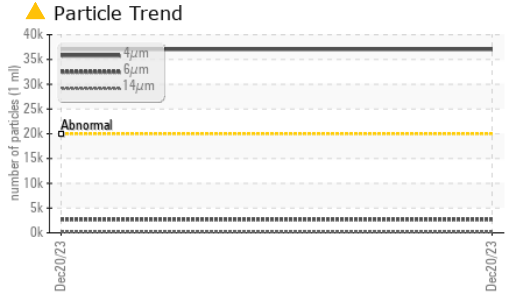
## FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >20000	<b>▲ 37048</b>	---	---
Particles >6µm	ASTM D7647 >5000	<b>2695</b>	---	---
Particles >14µm	ASTM D7647 >640	<b>135</b>	---	---
Particles >21µm	ASTM D7647 >160	<b>27</b>	---	---
Particles >38µm	ASTM D7647 >40	<b>1</b>	---	---
Particles >71µm	ASTM D7647 >10	<b>0</b>	---	---
Oil Cleanliness	ISO 4406 (c) >21/19/16	<b>▲ 22/19/14</b>	---	---

## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.08	<b>0.092</b>	---

# OIL ANALYSIS REPORT



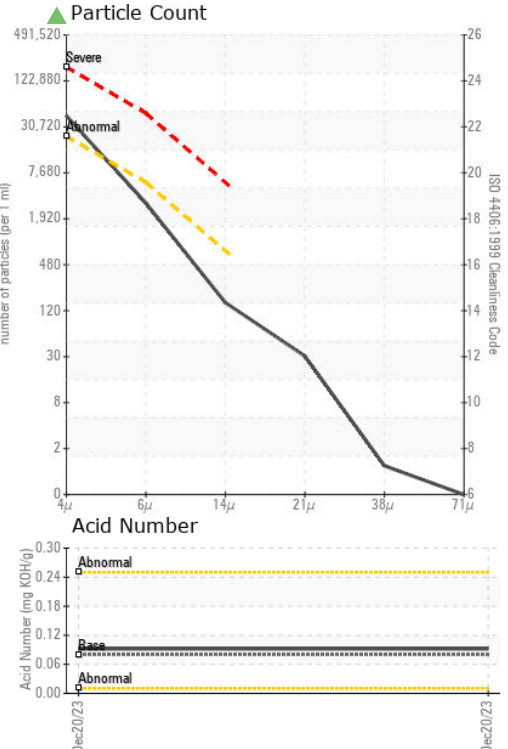
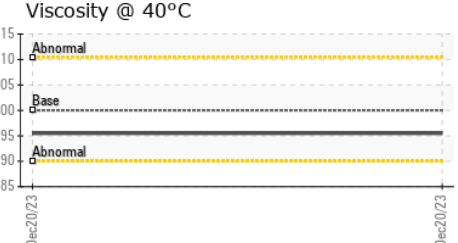
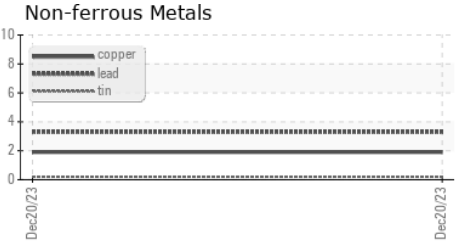
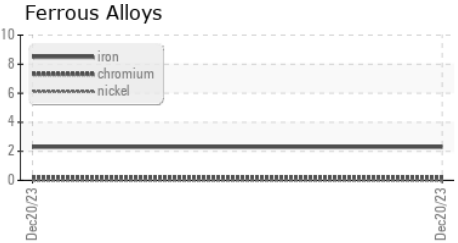
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*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	100	95.5	---

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

### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0115292 **Received** : 05 Jan 2024  
**Lab Number** : 06051835 **Diagnosed** : 08 Jan 2024  
**Unique Number** : 10817784 **Diagnostician** : Angela Borella  
**Test Package** : PLANT ( Additional Tests: KF, PrtCount )

**KTH**  
 111 NORTH STATE ROUTE 235  
 SAINT PARIS, OH  
 US 43072  
 Contact: Service Manager

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: