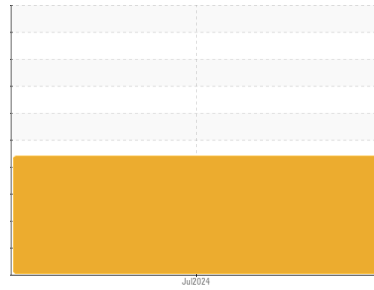




# PROBLEM SUMMARY

Area  
**Ursa Manufacturing - L08000**  
 Machine Id  
**RB049**  
 Component  
**Unknown Component**  
 Fluid  
**DRAW LUBE ECO HVE1 (--- GAL)**

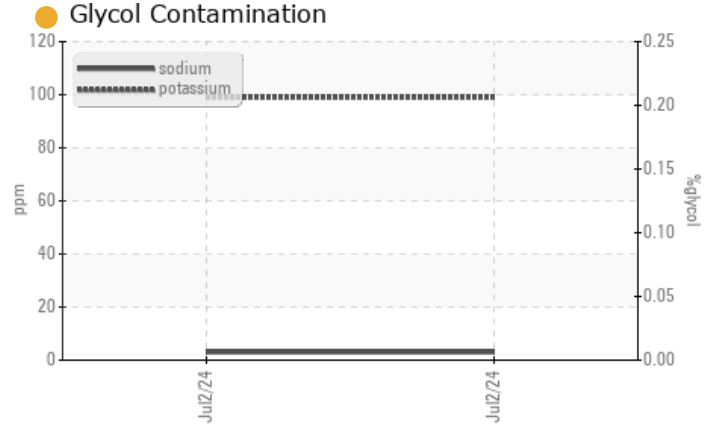
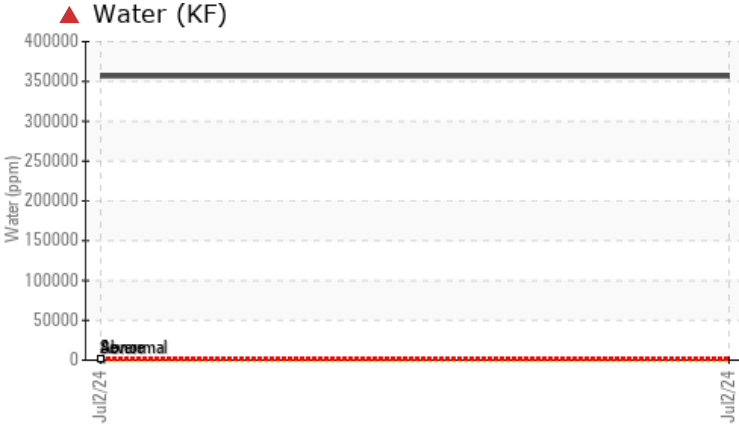
Sample Rating Trend



**WATER**



## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

The sample submitted is very wet. This oil should be reclaimed or changed out.

## PROBLEMATIC TEST RESULTS

Sample Status			<b>SEVERE</b>	---	---
Water	%	ASTM D6304*	<b>▲ 35.65</b>	---	---
ppm Water	ppm	ASTM D6304*	<b>▲ 356596</b>	---	---

Customer Id: CHECOB  
 Sample No.: E30002564  
 Lab Number: 02646221  
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Tatiana Sorkina +1 (800)263-3939  
[tsorkina@e360s.ca](mailto:tsorkina@e360s.ca)

To change component or sample information:  
 Gloria Gonzalez +1 (289)291-4643 x4643  
[gloria.gonzalez@wearcheck.com](mailto:gloria.gonzalez@wearcheck.com)

## RECOMMENDED ACTIONS

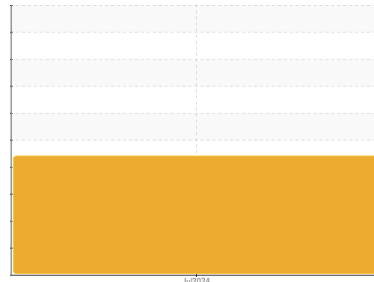
*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS



# OIL ANALYSIS REPORT

Sample Rating Trend



**WATER**



Area

**Ursa Manufacturing - L08000**

Machine Id

**RB049**

Component

**Unknown Component**

Fluid

**DRAW LUBE ECO HVE1 (--- GAL)**

## DIAGNOSIS

### ▲ Recommendation

The sample submitted is very wet. This oil should be reclaimed or changed out.

### ▲ Contamination

Water Water and ppm water contamination levels are noted. Potassium ppm levels are notably high.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Department	Client Info		<b>Sales</b>	---	---
Sample From	Client Info		<b>Drum</b>	---	---
Production Stage	Client Info		<b>Virgin</b>	---	---
Sent to WC	Client Info		<b>07/05/2024</b>	---	---
Sample Number	Client Info		<b>E30002564</b>	---	---
Sample Date	Client Info		<b>02 Jul 2024</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>SEVERE</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Chromium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	---	---

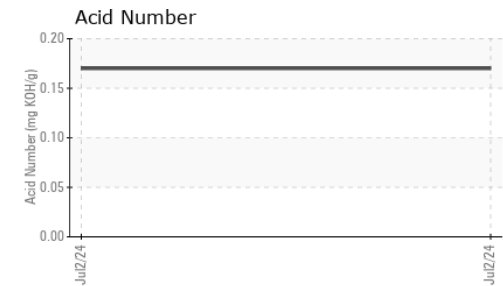
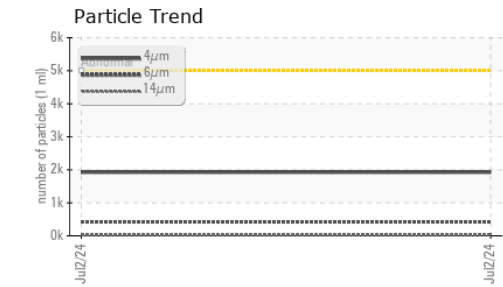
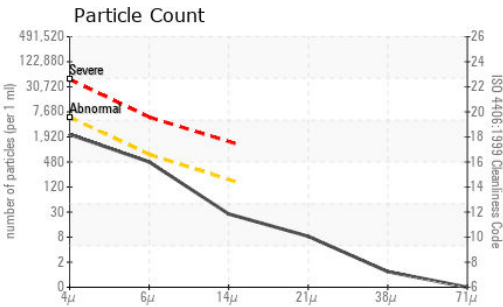
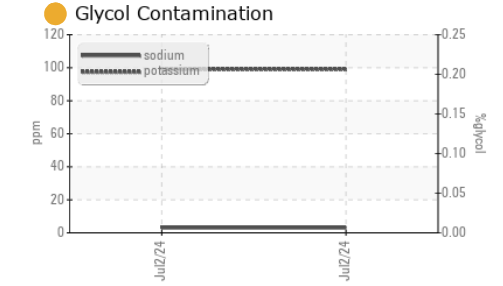
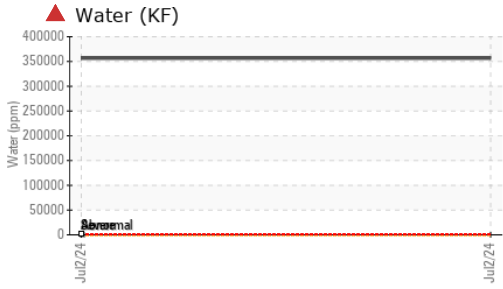
## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>283</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>3</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>17</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>6</b>	---	---
Sulfur	ppm	ASTM D5185(m)	<b>56</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>0</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>3</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>99</b>	---	---
Water	%	ASTM D6304*	<b>▲ 35.65</b>	---	---
ppm Water	ppm	ASTM D6304*	<b>▲ 356596</b>	---	---

# OIL ANALYSIS REPORT



FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	<b>1925</b>	---	---
Particles >6µm	ASTM D7647	>640	<b>423</b>	---	---
Particles >14µm	ASTM D7647	>160	<b>24</b>	---	---
Particles >21µm	ASTM D7647	>40	<b>7</b>	---	---
Particles >38µm	ASTM D7647	>10	<b>1</b>	---	---
Particles >71µm	ASTM D7647	>3	<b>0</b>	---	---
Oil Cleanliness	ISO 4406 (c)	>19/16/14	<b>18/16/12</b>	---	---

FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	<b>0.17</b>	---	---

VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---
Emulsified Water	scalar	Visual*	<b>.5%</b>	---	---
Free Water	scalar	Visual*	<b>NEG</b>	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	<b>52.2</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	<b>7.2</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	<b>95</b>	---	---

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



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : E30002564  
**Lab Number** : **02646221**  
**Unique Number** : 5811773  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, PrtCount, VI )  
**Received** : 08 Jul 2024  
**Tested** : 10 Jul 2024  
**Diagnosed** : 10 Jul 2024 - Tatiana Sorkina

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 CA K9A 5H5  
 Contact: Tatiana Sorkina  
 tsorkina@e360s.ca  
 T: (800)263-3939  
 F: (905)373-4950

To discuss this sample report, contact Customer Service at 1-905-372-2251.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.