



# OIL ANALYSIS REPORT

Sample Rating Trend

**VISUAL METAL**

Area  
**Kaiser Alum - K00600**  
 Machine Id  
**A2312093**  
 Component  
**Hydraulic System**  
 Fluid  
**NOT GIVEN (--- GAL)**



## DIAGNOSIS

- ▲ **Recommendation**  
 This is a baseline read-out on the submitted sample.
- ▲ **Wear**  
 Copper and iron ppm levels are noted.
- Contamination**  
 {not applicable}
- Fluid Condition**  
 {not applicable}

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Batch #	Client Info		<b>2023 12 0130</b>	---	---
Department	Client Info		<b>Production</b>	---	---
Sample From	Client Info		<b>Machine</b>	---	---
Production Stage	Client Info		<b>Initial</b>	---	---
Sent to WC	Client Info		<b>12/19/2023</b>	---	---
Sample Number	Client Info		<b>E30001019</b>	---	---
Sample Date	Client Info		<b>19 Dec 2023</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>ABNORMAL</b>	---	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.05	<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >20	<b>16</b>	---	---
Chromium	ppm	ASTM D5185(m) >10	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m) >10	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185(m) >10	<b>2</b>	---	---
Lead	ppm	ASTM D5185(m) >20	<b>1</b>	---	---
Copper	ppm	ASTM D5185(m) >20	<b>11</b>	---	---
Tin	ppm	ASTM D5185(m) >10	<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



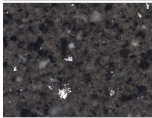
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>1</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>2</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>41</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>340</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>399</b>	---	---
Sulfur	ppm	ASTM D5185(m)	<b>833</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	<b>1</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>1</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>1</b>	---	---

# OIL ANALYSIS REPORT

VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE ▲ VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	---	---
Precipitate	scalar	Visual*	NONE VLITE	---	---
Silt	scalar	Visual*	NONE	---	---
Debris	scalar	Visual*	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE VLITE	---	---
Appearance	scalar	Visual*	NORML HAZY	---	---
Odor	scalar	Visual*	NORML	---	---

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : E30001019  
**Lab Number** : 02604778  
**Unique Number** : 5697863  
**Test Package** : TEST ( Additional Tests: Bottom, BottomAnalysis, FilterPatch, ICP )

**Environmental 360 Solutions Ltd.**  
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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.