



# OIL ANALYSIS REPORT

Sample Rating Trend



**WEAR**



Area  
**Stackpole - S02201**  
 Machine Id  
**A2309002**  
 Component  
**Hydraulic System**  
 Fluid  
**NOT GIVEN (--- GAL)**

## DIAGNOSIS

**Recommendation**  
 This is a baseline read-out on the submitted sample.

**Wear**  
 Iron and copper ppm levels are noted.

**Contamination**  
 {not applicable}

**Fluid Condition**  
 {not applicable}

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>E30000232</b>	---	---
Sample Date	Client Info	<b>31 Aug 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>ATTENTION</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184*	<b>0</b>	---	---
Iron	ppm ASTM D5185(m) >20	<b>▲ 97</b>	---	---
Chromium	ppm ASTM D5185(m) >10	<b>&lt;1</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>0</b>	---	---
Aluminum	ppm ASTM D5185(m) >10	<b>4</b>	---	---
Lead	ppm ASTM D5185(m) >20	<b>&lt;1</b>	---	---
Copper	ppm ASTM D5185(m) >20	<b>▲ 17</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>7</b>	---	---
Barium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Molybdenum	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Manganese	ppm ASTM D5185(m)	<b>12</b>	---	---
Magnesium	ppm ASTM D5185(m)	<b>6</b>	---	---
Calcium	ppm ASTM D5185(m)	<b>38</b>	---	---
Phosphorus	ppm ASTM D5185(m)	<b>144</b>	---	---
Zinc	ppm ASTM D5185(m)	<b>127</b>	---	---
Sulfur	ppm ASTM D5185(m)	<b>620</b>	---	---
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

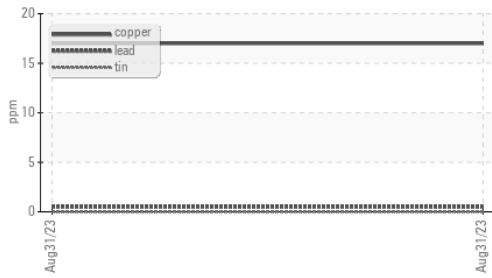
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >15	<b>4</b>	---	---
Sodium	ppm ASTM D5185(m)	<b>6</b>	---	---
Potassium	ppm ASTM D5185(m) >20	<b>1</b>	---	---

## 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>LIGHT</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>	---	---

# OIL ANALYSIS REPORT

### ▲ Non-ferrous Metals

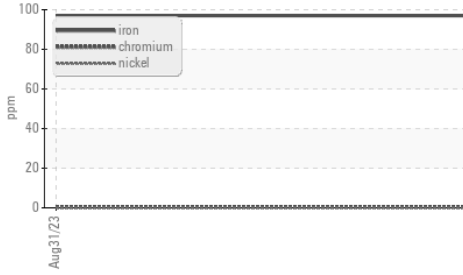


SAMPLE IMAGES	method	limit/base	current	history1	history2
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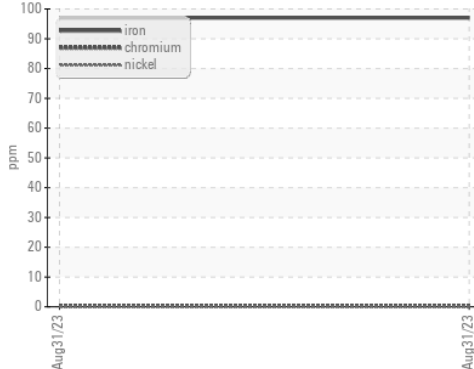
Color				no image	no image
Bottom				no image	no image

### GRAPHS

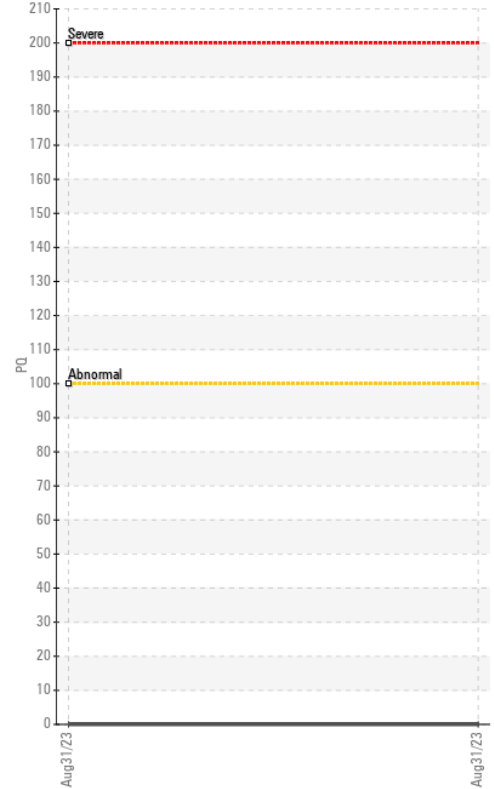
### ▲ Ferrous Alloys



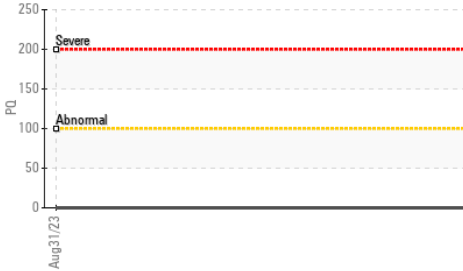
### ▲ Ferrous Alloys



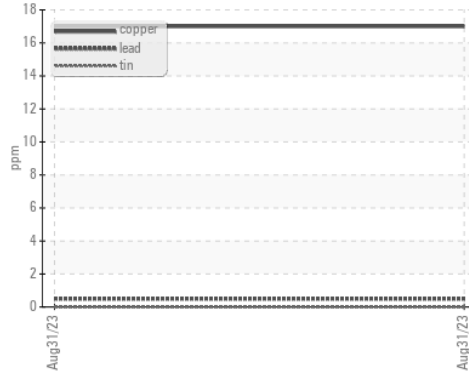
### PQ



### PQ



### ▲ Non-ferrous Metals



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : E30000232      **Received** : 06 Sep 2023  
**Lab Number** : **02580816**      **Diagnosed** : 08 Sep 2023  
**Unique Number** : 5633876      **Diagnostician** : Tatiana Sorkina  
**Test Package** : TEST ( Additional Tests: ICP, PQ )

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To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 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.