



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
Stackpole - S02201
 Machine Id
A2310110
 Component
Hydraulic System
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

▲ Recommendation

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

▲ Wear

PQ levels are noted. Iron ppm levels are noted.

Contamination

{not applicable}

Fluid Condition

{not applicable}

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Batch #	Client Info		2023 10 0380	---	---
Machine ID	Client Info		A2310110	---	---
Department	Client Info		Production	---	---
Sample From	Client Info		Machine	---	---
Production Stage	Client Info		Initial	---	---
Sent to WC	Client Info		10/18/2023	---	---
Sample Number	Client Info		E30000556	---	---
Sample Date	Client Info		18 Oct 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ATTENTION	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		▲ 59	---	---
Iron	ppm	ASTM D5185(m) >20	▲ 160	---	---
Chromium	ppm	ASTM D5185(m) >10	<1	---	---
Nickel	ppm	ASTM D5185(m) >10	2	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	<1	---	---
Aluminum	ppm	ASTM D5185(m) >10	8	---	---
Lead	ppm	ASTM D5185(m) >20	1	---	---
Copper	ppm	ASTM D5185(m) >20	14	---	---
Tin	ppm	ASTM D5185(m) >10	0	---	---
Antimony	ppm	ASTM D5185(m)	0	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

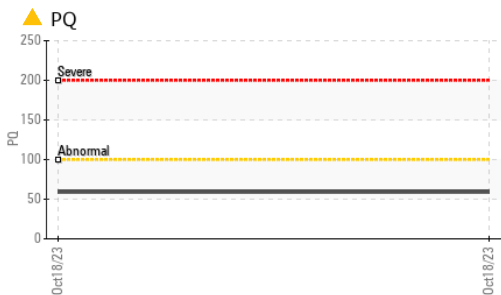
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	22	---	---
Barium	ppm	ASTM D5185(m)	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	---	---
Manganese	ppm	ASTM D5185(m)	14	---	---
Magnesium	ppm	ASTM D5185(m)	16	---	---
Calcium	ppm	ASTM D5185(m)	154	---	---
Phosphorus	ppm	ASTM D5185(m)	111	---	---
Zinc	ppm	ASTM D5185(m)	106	---	---
Sulfur	ppm	ASTM D5185(m)	1057	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

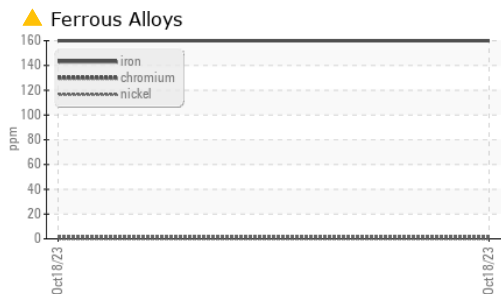
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	11	---	---
Sodium	ppm	ASTM D5185(m)	36	---	---
Potassium	ppm	ASTM D5185(m) >20	5	---	---

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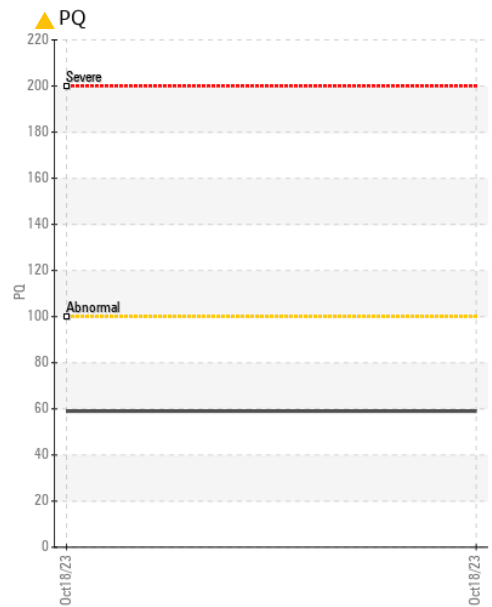
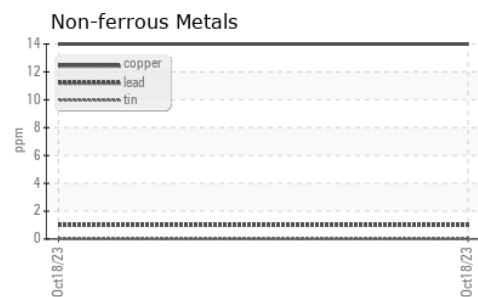
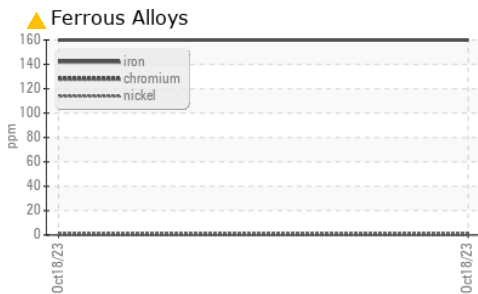


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	LIGHT	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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



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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30000556 **Received** : 20 Oct 2023
Lab Number : **02590798** **Diagnosed** : 25 Oct 2023
Unique Number : 5659864 **Diagnostician** : Tatiana Sorkina
Test Package : TEST (Additional Tests: ICP, PQ)

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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.