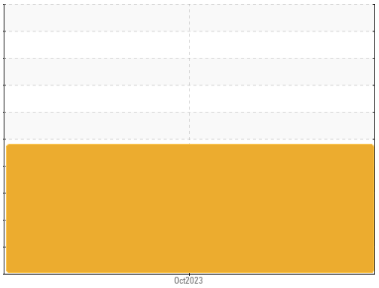
OIL ANALYSIS REPORT

Sample Rating Trend



VISUAL METAL

Area
Extrudex Alum - E00400
Machine Id
A2310065
Component
Hydraulic System
Fluid
AW HYDRAULIC OIL ISO 46 (--- GAL)

DIAGNOSIS

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

Wear
Aluminum, copper and iron ppm levels are noted.

Contamination
{not applicable}

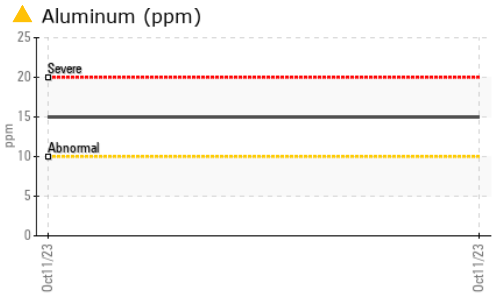
SAMPLE INFORMATION		method	limit/base	current	history1	history2
Batch #		Client Info		**2023 10 0130**	---	---
Machine ID		Client Info		**A2310065**	---	---
Department		Client Info		**Production**	---	---
Sample From		Client Info		**Machine**	---	---
Production Stage		Client Info		**Initial**	---	---
Sent to WC		Client Info		**10/11/2023**	---	---
Sample Number		Client Info		**E30000506**	---	---
Sample Date		Client Info		**11 Oct 2023**	---	---
Machine Age	hrs	Client Info		**0**	---	---
Oil Age	hrs	Client Info		**0**	---	---
Oil Changed		Client Info		**N/A**	---	---
Sample Status				**ATTENTION**	---	---

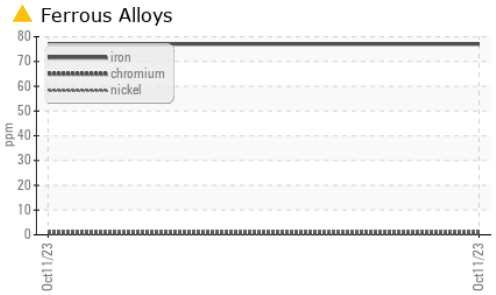
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		**22**	---	---
Iron	ppm	ASTM D5185(m)	>20	▲ **77**	---	---
Chromium	ppm	ASTM D5185(m)	>10	**<1**	---	---
Nickel	ppm	ASTM D5185(m)	>10	**1**	---	---
Titanium	ppm	ASTM D5185(m)		**0**	---	---
Silver	ppm	ASTM D5185(m)		**<1**	---	---
Aluminum	ppm	ASTM D5185(m)	>10	▲ **15**	---	---
Lead	ppm	ASTM D5185(m)	>20	**8**	---	---
Copper	ppm	ASTM D5185(m)	>20	▲ **83**	---	---
Tin	ppm	ASTM D5185(m)	>10	**1**	---	---
Antimony	ppm	ASTM D5185(m)		**0**	---	---
Vanadium	ppm	ASTM D5185(m)		**0**	---	---
Beryllium	ppm	ASTM D5185(m)		**0**	---	---
Cadmium	ppm	ASTM D5185(m)		**0**	---	---

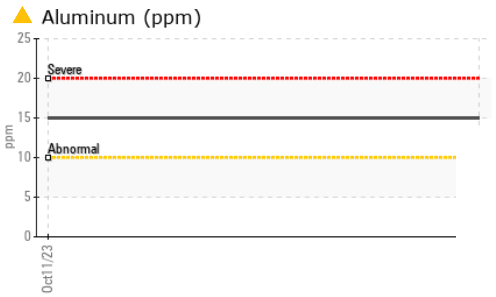
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	5	**3**	---	---
Barium	ppm	ASTM D5185(m)	5	**<1**	---	---
Molybdenum	ppm	ASTM D5185(m)	5	**<1**	---	---
Manganese	ppm	ASTM D5185(m)		**<1**	---	---
Magnesium	ppm	ASTM D5185(m)	25	**13**	---	---
Calcium	ppm	ASTM D5185(m)	200	**94**	---	---
Phosphorus	ppm	ASTM D5185(m)	300	**517**	---	---
Zinc	ppm	ASTM D5185(m)	370	**393**	---	---
Sulfur	ppm	ASTM D5185(m)	2500	**1687**	---	---
Lithium	ppm	ASTM D5185(m)		**<1**	---	---

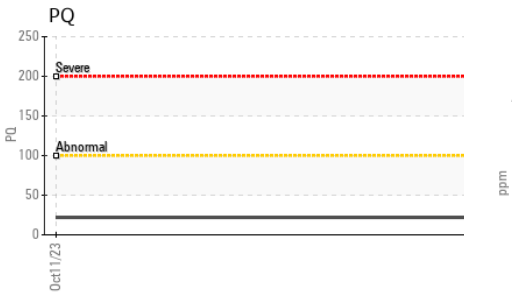
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	**9**	---	---
Sodium	ppm	ASTM D5185(m)		**3**	---	---
Potassium	ppm	ASTM D5185(m)	>20	**1**	---	---

OIL ANALYSIS REPORT

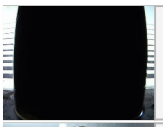
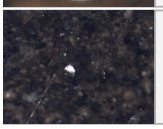




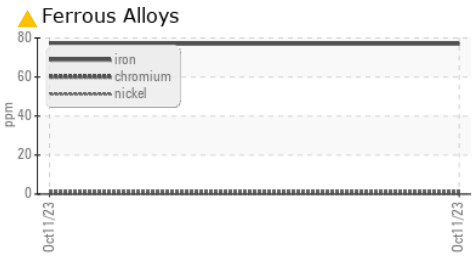


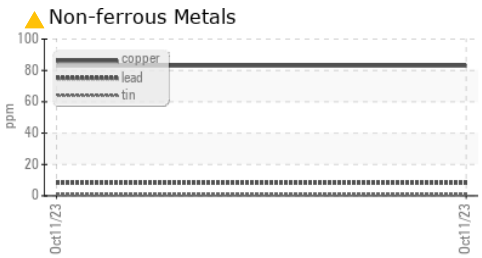


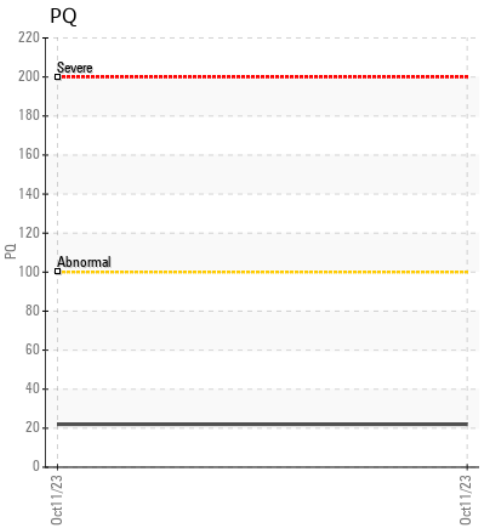
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	▲ **LIGHT**	---	---
Yellow Metal	scalar	Visual*	NONE	**NONE**	---	---
Precipitate	scalar	Visual*	NONE	▲ **LIGHT**	---	---
Silt	scalar	Visual*	NONE	**LIGHT**	---	---
Debris	scalar	Visual*	NONE	**NONE**	---	---
Sand/Dirt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







ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30000506
Lab Number : 02589092
Unique Number : 5658158
Test Package : TEST (Additional Tests: Bottom, BottomAnalysis, FilterPatch, ICP, PQ)

Received : 13 Oct 2023
Diagnosed : 17 Oct 2023
Diagnostician : Tatiana Sorkina

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.

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