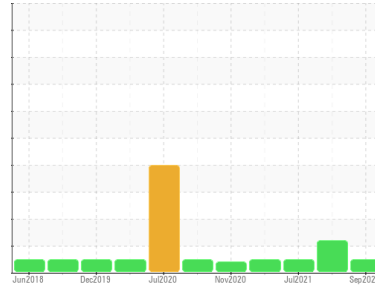


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
EISENBEISS RM 1 EXT (S/N 10003566)

Component
Gear Extruder

Fluid
PETRO CANADA ENDURATEX SYNTHETIC EP 460 (60 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0098130	PCA0065570	PCA0041371
Sample Date	Client Info		26 Sep 2023	07 Feb 2022	06 Jul 2021
Machine Age	days	Client Info	102	0	2
Oil Age	days	Client Info	102	2	2
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			NORMAL	ABNORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >150	31	54	39
Chromium	ppm	ASTM D5185m >10	<1	<1	<1
Nickel	ppm	ASTM D5185m >10	0	<1	<1
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	0	0	<1
Aluminum	ppm	ASTM D5185m >25	1	<1	<1
Lead	ppm	ASTM D5185m >100	0	<1	<1
Copper	ppm	ASTM D5185m >50	<1	<1	<1
Tin	ppm	ASTM D5185m >10	<1	<1	<1
Antimony	ppm	ASTM D5185m >5	---	0	<1
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 330	21	34	46
Barium	ppm	ASTM D5185m 5	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1
Manganese	ppm	ASTM D5185m	<1	<1	<1
Magnesium	ppm	ASTM D5185m 5	4	0	2
Calcium	ppm	ASTM D5185m 5	6	21	20
Phosphorus	ppm	ASTM D5185m 437	401	415	393
Zinc	ppm	ASTM D5185m 5	3	0	5
Sulfur	ppm	ASTM D5185m 5000	6051	4921	5349

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<1	1	2
Sodium	ppm	ASTM D5185m	1	<1	<1
Potassium	ppm	ASTM D5185m >20	3	2	2

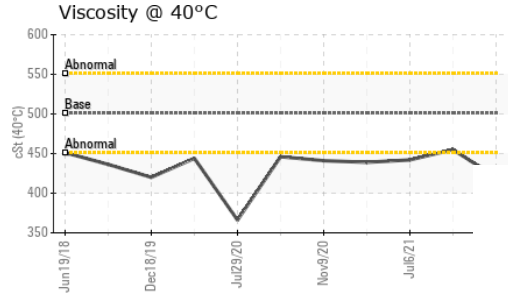
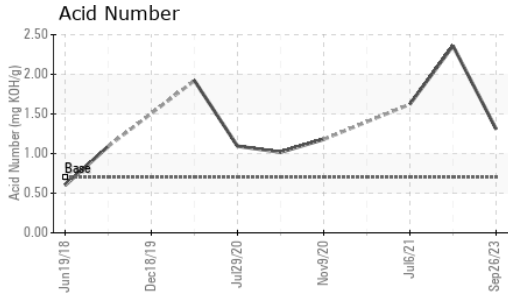
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.7	1.31	▲ 2.36	1.623

VISUAL

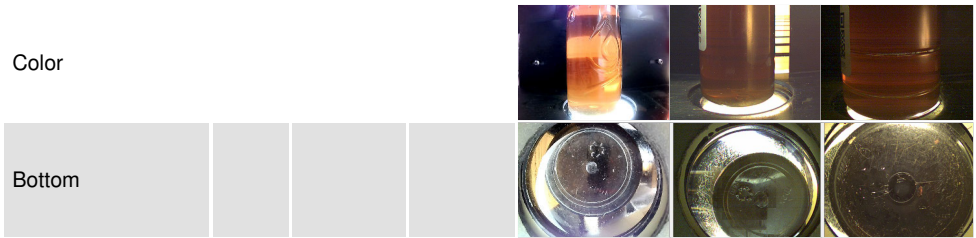
	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	MODER	LIGHT	LIGHT
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT

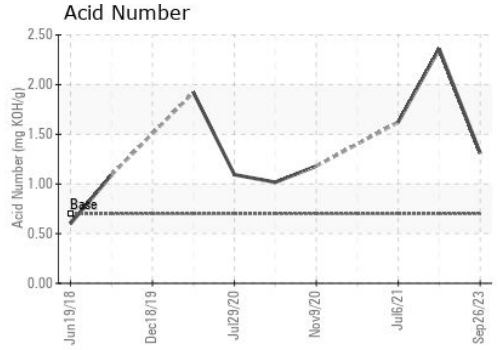
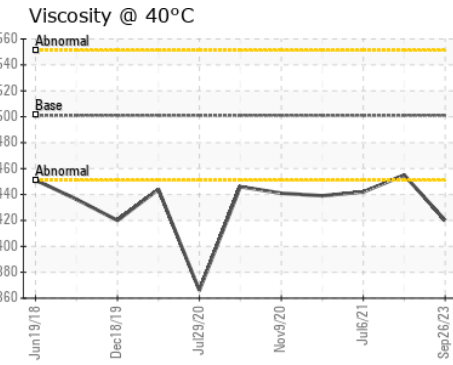
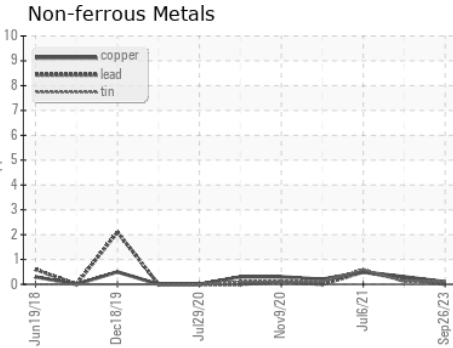
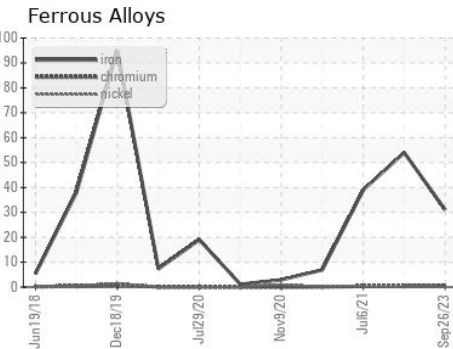


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	501	420	455	442

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0098130
Lab Number : **05965478**
Unique Number : 10672029
Test Package : IND 2

Received : 29 Sep 2023
Diagnosed : 02 Oct 2023
Diagnostician : Don Baldrige

CERTAINTED CORP
 200 RONTHOR DR
 SOCIAL CIRCLE, GA
 US 30025
 Contact: MARK KIRKPATRICK
 MARK.W.KIRKPATRICK@SAINT-GOBAIN.COM
 T:
 F: (770)464-0878

To discuss this sample report, contact Customer Service at 1-800-237-1369.
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)