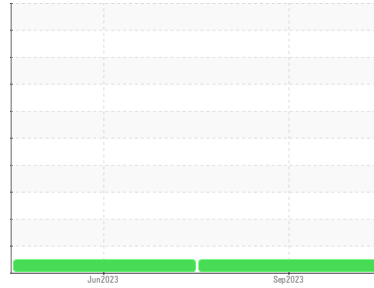


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
CRUSHER 2
Component
Gearbox
Fluid
GEAR OIL ISO 150 (50 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

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		PCA0100176	PCA0100179	---
Sample Date	Client Info		08 Sep 2023	16 Jun 2023	---
Machine Age	hrs	Client Info	35040	35040	---
Oil Age	hrs	Client Info	35040	960	---
Oil Changed		Client Info	N/A	Changed	---
Sample Status			NORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	41	36	---
Chromium	ppm	ASTM D5185m >15	0	0	---
Nickel	ppm	ASTM D5185m >15	1	1	---
Titanium	ppm	ASTM D5185m	<1	<1	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	13	6	---
Lead	ppm	ASTM D5185m >100	34	27	---
Copper	ppm	ASTM D5185m >200	173	155	---
Tin	ppm	ASTM D5185m >25	14	12	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 50	52	76	---
Barium	ppm	ASTM D5185m 15	0	2	---
Molybdenum	ppm	ASTM D5185m 15	0	0	---
Manganese	ppm	ASTM D5185m	<1	<1	---
Magnesium	ppm	ASTM D5185m 50	0	<1	---
Calcium	ppm	ASTM D5185m 50	2	3	---
Phosphorus	ppm	ASTM D5185m 350	242	282	---
Zinc	ppm	ASTM D5185m 100	0	1	---
Sulfur	ppm	ASTM D5185m 12500	6380	5775	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	47	34	---
Sodium	ppm	ASTM D5185m	4	<1	---
Potassium	ppm	ASTM D5185m >20	7	4	---

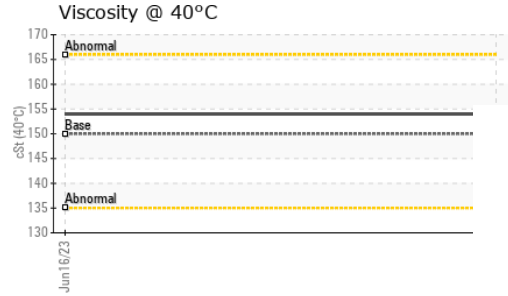
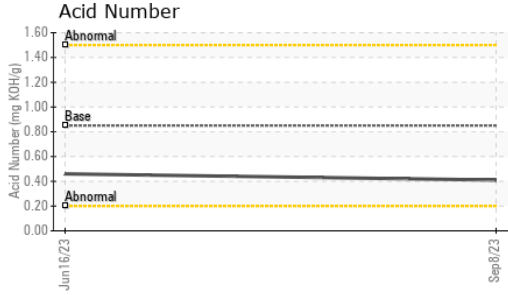
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.85	0.41	0.46	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	NONE	---
Debris	scalar	*Visual NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual >0.2	NEG	NEG	---
Free Water	scalar	*Visual	NEG	NEG	---

OIL ANALYSIS REPORT



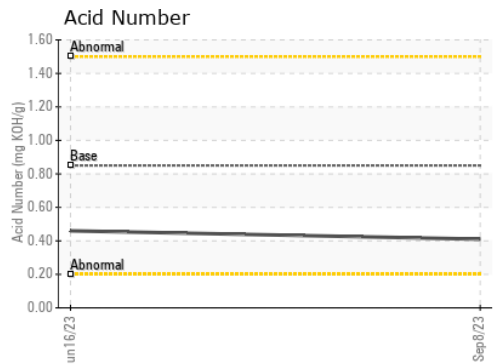
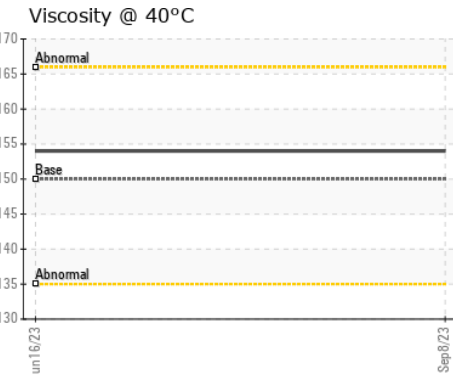
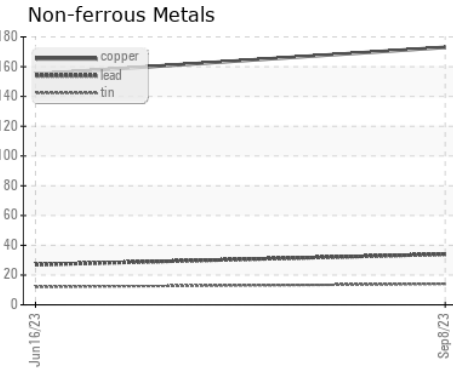
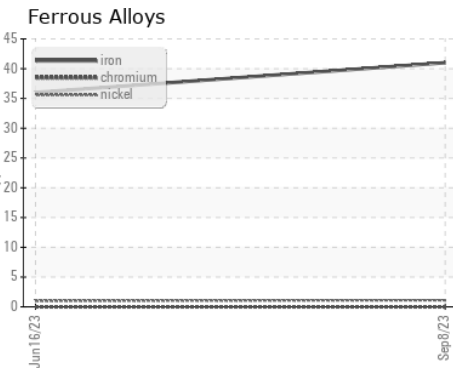
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	150	154	---

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0100176 **Received** : 12 Sep 2023
Lab Number : 05948152 **Diagnosed** : 13 Sep 2023
Unique Number : 10644111 **Diagnostician** : Wes Davis
Test Package : IND 2

Certainteed - Saint Gobain
 1077 PLEASANT ST
 NORWOOD, MA
 US 02062
 Contact: Robert Jaruse
 robert.jaruse@saint-gobain.com

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)

T:
F: