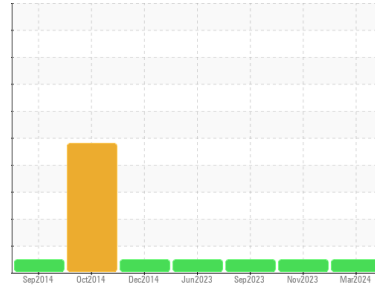


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**CRUSHER 1 (S/N 129610)**

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			<b>PCA0113274</b>	PCA0100177	PCA0100175
Sample Date	Client Info			<b>06 Mar 2024</b>	09 Nov 2023	08 Sep 2023
Machine Age	hrs	Client Info		<b>35040</b>	35040	35040
Oil Age	hrs	Client Info		<b>2190</b>	35040	35040
Oil Changed	Client Info			<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.2	<b>NEG</b>	NEG	NEG

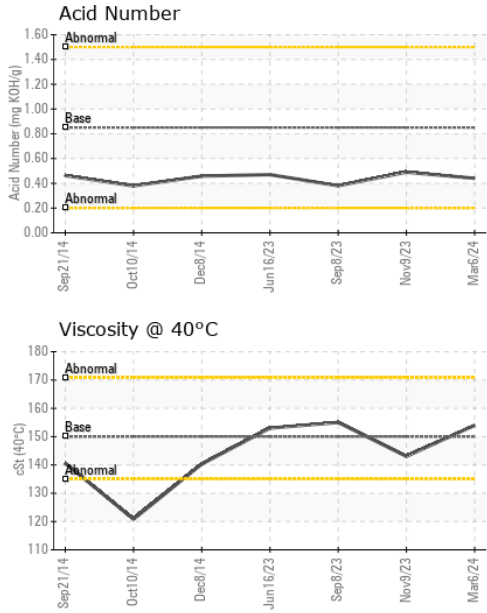
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<b>22</b>	19	32
Chromium	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>15	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m	>25	<b>6</b>	6	4
Lead	ppm	ASTM D5185m	>100	<b>26</b>	22	25
Copper	ppm	ASTM D5185m	>200	<b>111</b>	91	152
Tin	ppm	ASTM D5185m	>25	<b>9</b>	6	11
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	<b>14</b>	15	50
Barium	ppm	ASTM D5185m	15	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	15	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185m	50	<b>2</b>	206	2
Calcium	ppm	ASTM D5185m	50	<b>7</b>	246	11
Phosphorus	ppm	ASTM D5185m	350	<b>172</b>	386	266
Zinc	ppm	ASTM D5185m	100	<b>5</b>	246	0
Sulfur	ppm	ASTM D5185m	12500	<b>6136</b>	5298	6066

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<b>21</b>	23	24
Sodium	ppm	ASTM D5185m		<b>2</b>	4	2
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	1	3

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.85	<b>0.44</b>	0.49	0.38

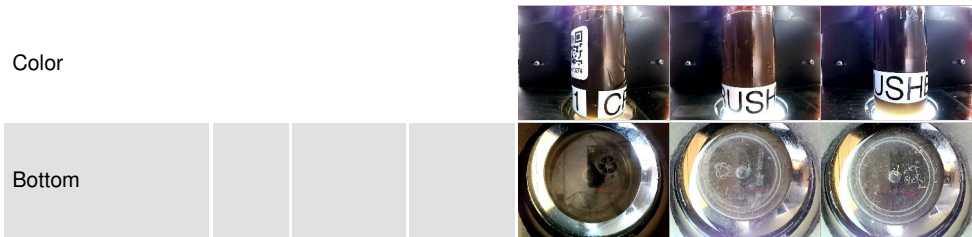
# OIL ANALYSIS REPORT



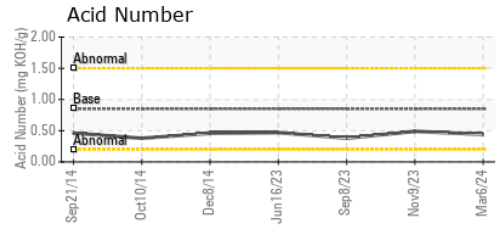
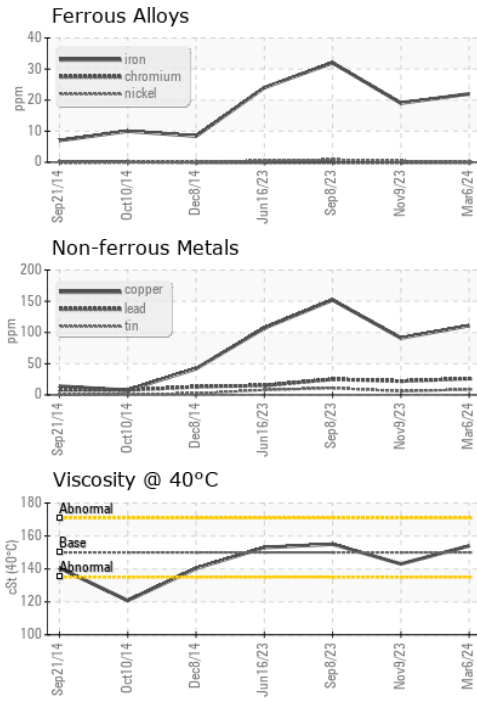
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	150	<b>154</b>	143	155

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0113274  
**Lab Number** : **06113096**  
**Unique Number** : 10916593  
**Test Package** : PLANT

**Certainteed - Saint Gobain**  
 1064 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: