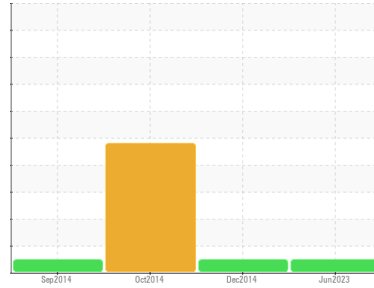


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
[PCA0100174]
 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.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the component.

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			PCA0100174	WCM2240440	WCM2242074
Sample Date	Client Info			16 Jun 2023	08 Dec 2014	10 Oct 2014
Machine Age	hrs	Client Info		35040	820	335
Oil Age	hrs	Client Info		960	485	335
Oil Changed	Client Info			Changed	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	SEVERE

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	24	8	10
Chromium	ppm	ASTM D5185m	>15	0	0	<1
Nickel	ppm	ASTM D5185m	>15	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	4	6	2
Lead	ppm	ASTM D5185m	>100	15	13	8
Copper	ppm	ASTM D5185m	>200	107	42	7
Tin	ppm	ASTM D5185m	>25	8	2	1
Antimony	ppm	ASTM D5185m	>5	---	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

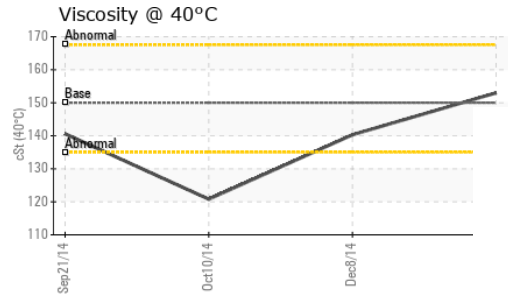
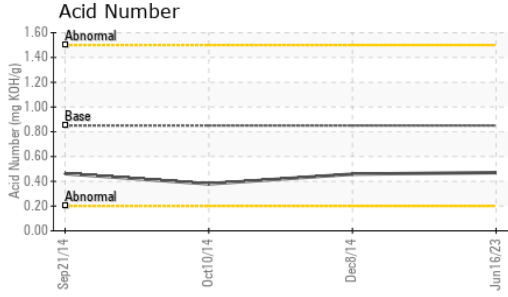
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	72	0	0
Barium	ppm	ASTM D5185m	15	2	0	0
Molybdenum	ppm	ASTM D5185m	15	0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	50	1	0	0
Calcium	ppm	ASTM D5185m	50	2	7	0
Phosphorus	ppm	ASTM D5185m	350	273	146	100
Zinc	ppm	ASTM D5185m	100	4	3	7
Sulfur	ppm	ASTM D5185m	12500	5495	14448	10102

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	24	15	356
Sodium	ppm	ASTM D5185m		0	2	<1
Potassium	ppm	ASTM D5185m	>20	2	1	0

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.85	0.47	0.458	0.379

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
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	NONE
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	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

OIL ANALYSIS REPORT

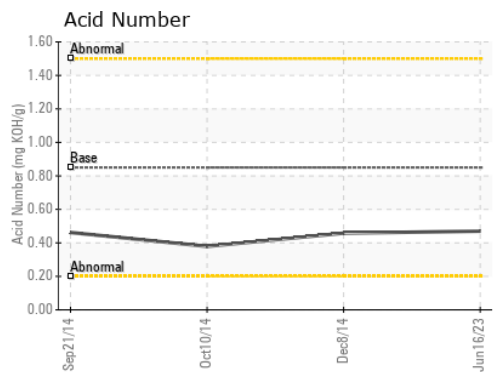
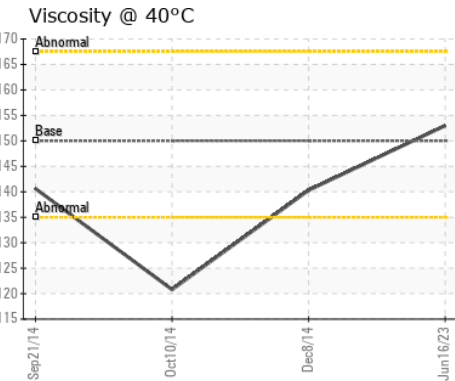
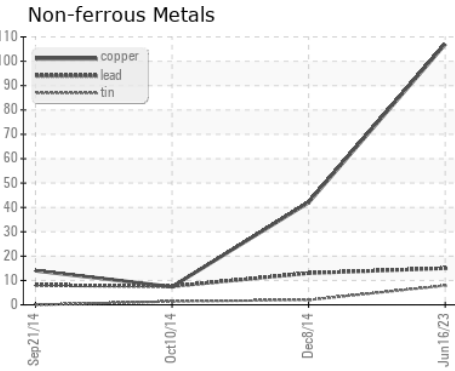
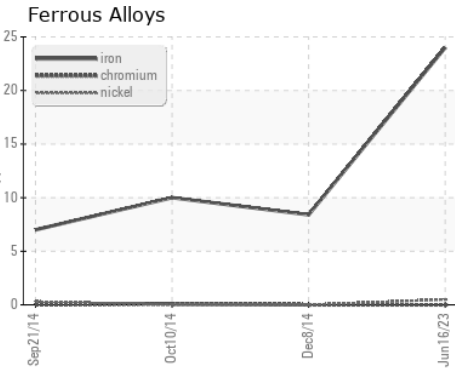


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	150	153	140.3	120.8

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0100174 **Received** : 20 Jun 2023
Lab Number : 05879027 **Diagnosed** : 23 Jun 2023
Unique Number : 10524130 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: KF, PrtCount)

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: