



PROBLEM SUMMARY

Sample Rating Trend



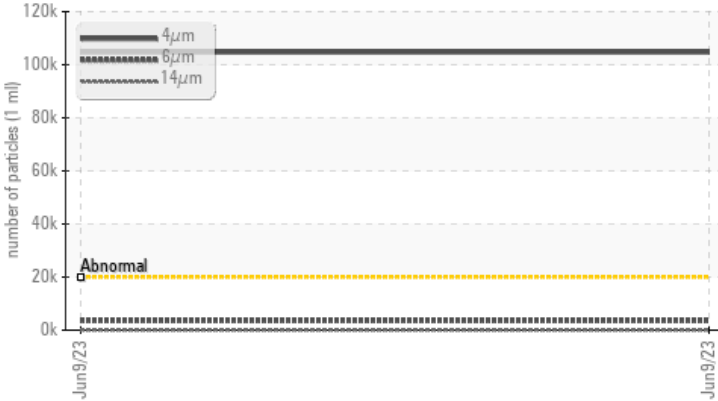
VISCOSITY



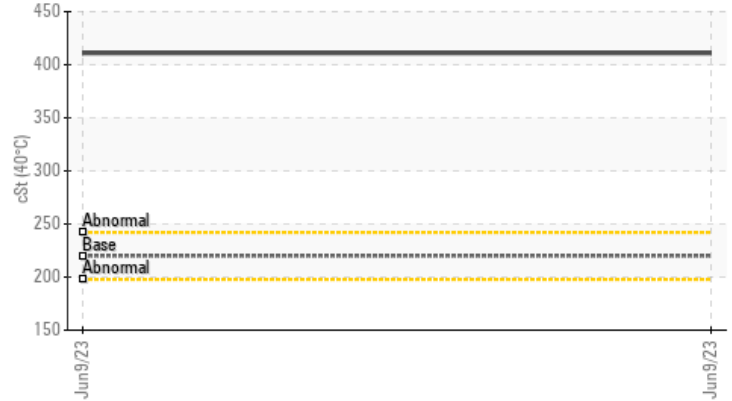
Machine Id
CABLEVEY 2 (S/N 601660)
Component
Gearbox
Fluid
GEAR OIL ISO 220 (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Particle Trend



▲ Viscosity @ 40°C



RECOMMENDATION

No corrective action is recommended at this time.
Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status	ASTM D7647	ASTM D445	ISO 4406 (c)	ASTM D445	ASTM D7647	ISO 4406 (c)
Particles >4µm	>20000	220	>21/19/16	>20000	>20000	>21/19/16
Oil Cleanliness	>21/19/16	220	>21/19/16	>20000	>20000	>21/19/16
Visc @ 40°C	cSt	220	220	>20000	>20000	>21/19/16

Customer Id: SKILIT
Sample No.: WC0650811
Lab Number: 05901235
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
CABLEVEY 2 (S/N 601660)
 Component
Gearbox
 Fluid
GEAR OIL ISO 220 (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

▲ Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

▲ Fluid Condition

Viscosity of sample indicates oil is within ISO 460 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0650811	---	---
Sample Date	Client Info	09 Jun 2023	---	---
Machine Age	hrs	Client Info	0	---
Oil Age	hrs	Client Info	0	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	15	---
Chromium	ppm	ASTM D5185m >15	<1	---
Nickel	ppm	ASTM D5185m >15	0	---
Titanium	ppm	ASTM D5185m	<1	---
Silver	ppm	ASTM D5185m	0	---
Aluminum	ppm	ASTM D5185m >25	16	---
Lead	ppm	ASTM D5185m >100	0	---
Copper	ppm	ASTM D5185m >200	<1	---
Tin	ppm	ASTM D5185m >25	0	---
Vanadium	ppm	ASTM D5185m	<1	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 50	0	---
Barium	ppm	ASTM D5185m 15	0	---
Molybdenum	ppm	ASTM D5185m 15	0	---
Manganese	ppm	ASTM D5185m	<1	---
Magnesium	ppm	ASTM D5185m 50	1	---
Calcium	ppm	ASTM D5185m 50	21	---
Phosphorus	ppm	ASTM D5185m 350	500	---
Zinc	ppm	ASTM D5185m 100	25	---
Sulfur	ppm	ASTM D5185m 12500	714	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	9	---
Sodium	ppm	ASTM D5185m	10	---
Potassium	ppm	ASTM D5185m >20	<1	---

FLUID CLEANLINESS

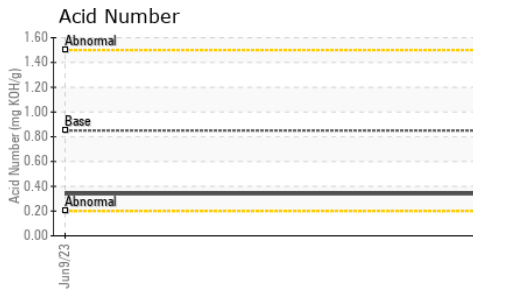
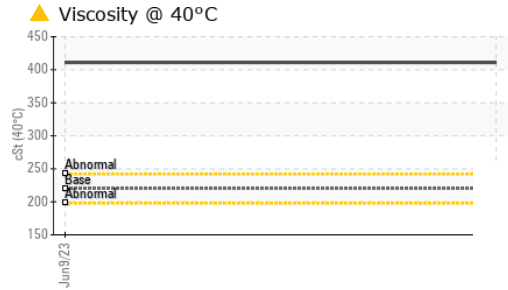
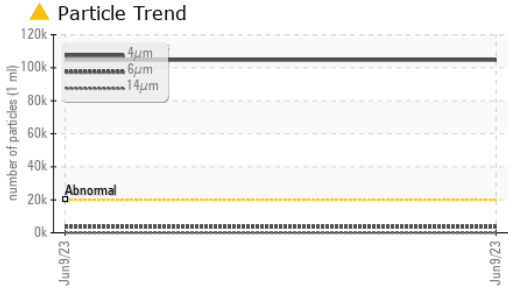
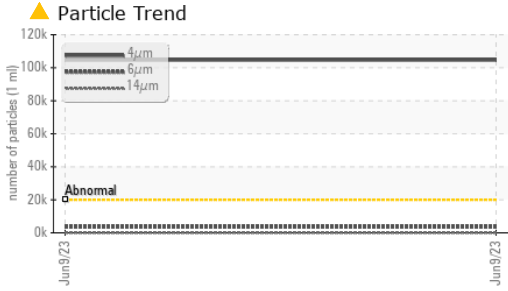
method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>20000	▲ 104688	---
Particles >6µm	ASTM D7647	>5000	3552	---
Particles >14µm	ASTM D7647	>640	51	---
Particles >21µm	ASTM D7647	>160	12	---
Particles >38µm	ASTM D7647	>40	0	---
Particles >71µm	ASTM D7647	>10	0	---
Oil Cleanliness	ISO 4406 (c)	>21/19/16	▲ 24/19/13	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.85	0.34	---



OIL ANALYSIS REPORT



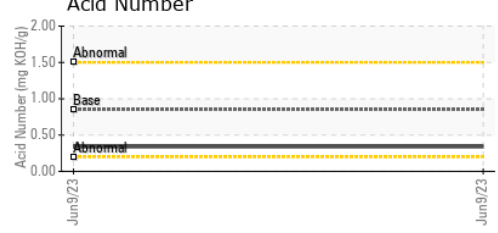
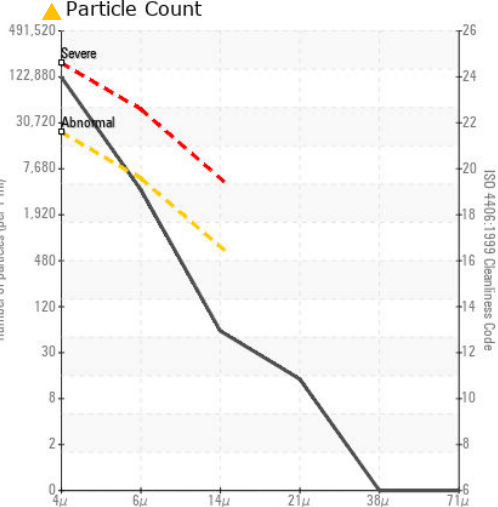
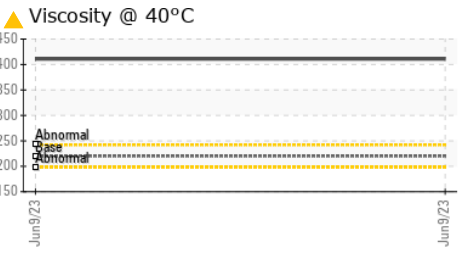
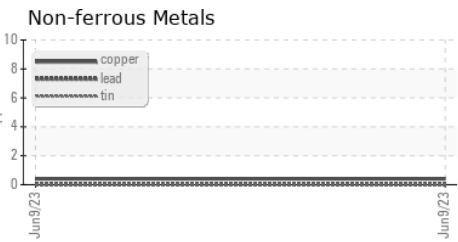
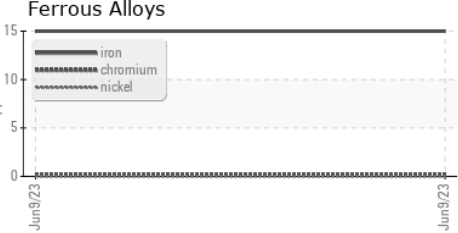
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 220	▲ 411	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0650811 **Received** : 18 Jul 2023
Lab Number : 05901235 **Diagnosed** : 20 Jul 2023
Unique Number : 10562591 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: PrtCount)

SKIPPY PEANUT BUTTER - HORMEL
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 LITTLE ROCK, AR
 US 72206
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Certificate L2367
 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)