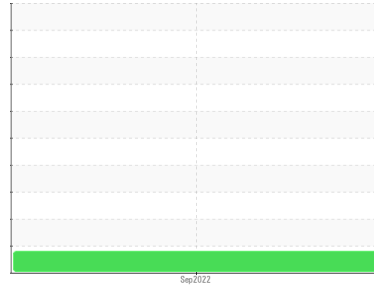




PROBLEM SUMMARY

Sample Rating Trend



WEAR



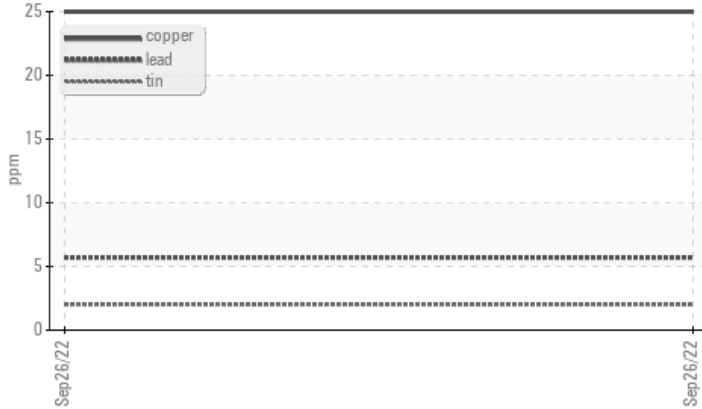
Machine Id
48507848 (S/N 12972)

Component
Hydraulic System

Fluid
MOBIL DTE 24 (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Non-ferrous Metals



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status	ABNORMAL	---	---
Copper	ppm	ASTM D5185m	>20
	▲ 25	---	---

Customer Id: TECGRENC
Sample No.: WC0731079
Lab Number: 05651469
Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data:
Angela Borella +1 800-237-1369
angela.borella@wearcheckusa.com

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

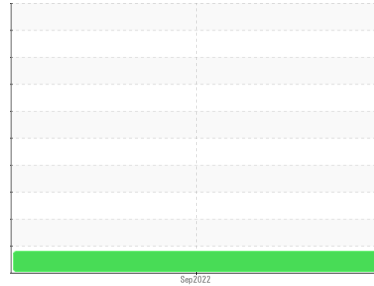
WEAR



Machine Id
48507848 (S/N 12972)

Component
Hydraulic System

Fluid
MOBIL DTE 24 (--- GAL)



DIAGNOSIS

▲ Recommendation

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

▲ Wear

The copper level is abnormal. All other component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0731079	---	---
Sample Date	Client Info	26 Sep 2022	---	---
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 >20	9	---
Chromium	ppm	ASTM D5185m >20	0	---
Nickel	ppm	ASTM D5185m >20	0	---
Titanium	ppm	ASTM D5185m	0	---
Silver	ppm	ASTM D5185m	1	---
Aluminum	ppm	ASTM D5185m >20	<1	---
Lead	ppm	ASTM D5185m >20	6	---
Copper	ppm	ASTM D5185m >20	▲ 25	---
Tin	ppm	ASTM D5185m >20	2	---
Vanadium	ppm	ASTM D5185m	0	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<1	---
Barium	ppm	ASTM D5185m	2	---
Molybdenum	ppm	ASTM D5185m	<1	---
Manganese	ppm	ASTM D5185m	<1	---
Magnesium	ppm	ASTM D5185m	4	---
Calcium	ppm	ASTM D5185m	118	---
Phosphorus	ppm	ASTM D5185m	370	---
Zinc	ppm	ASTM D5185m	582	---
Sulfur	ppm	ASTM D5185m	2671	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	2	---
Sodium	ppm	ASTM D5185m	0	---
Potassium	ppm	ASTM D5185m >20	1	---

FLUID CLEANLINESS

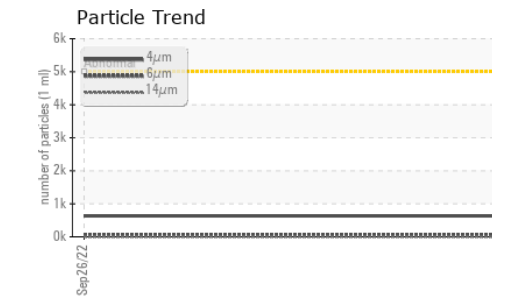
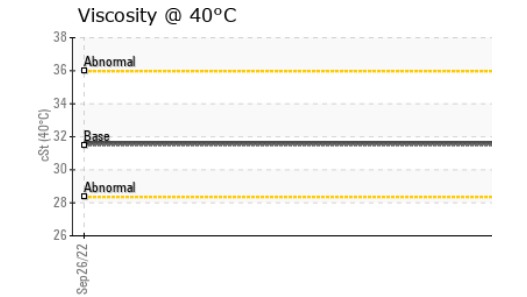
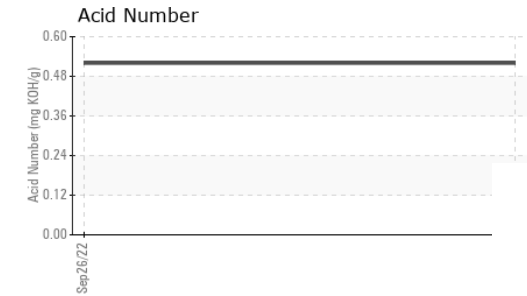
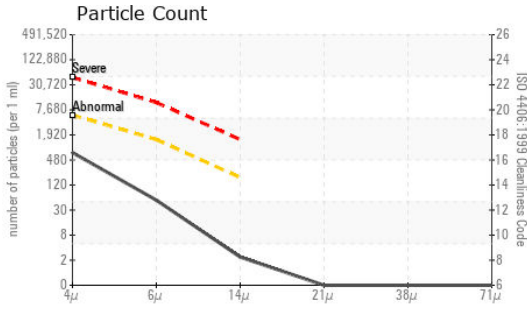
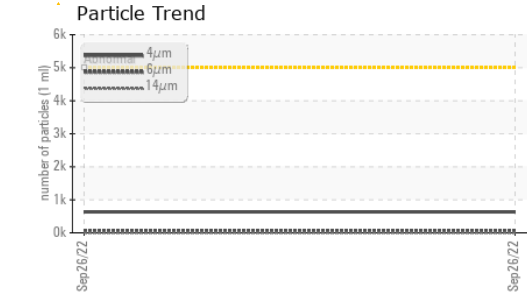
method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	635	---
Particles >6µm	ASTM D7647	>1300	46	---
Particles >14µm	ASTM D7647	>160	2	---
Particles >21µm	ASTM D7647	>40	0	---
Particles >38µm	ASTM D7647	>10	0	---
Particles >71µm	ASTM D7647	>3	0	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	16/13/9	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.52	---



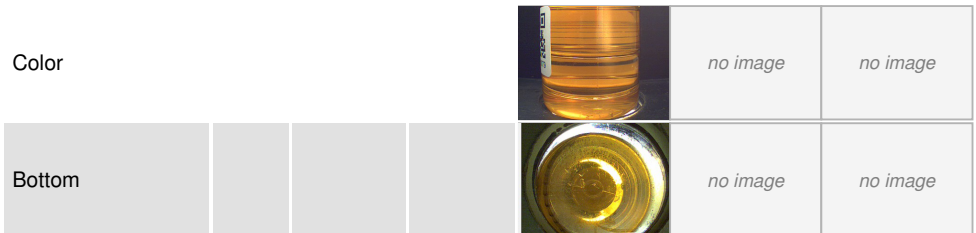
OIL ANALYSIS REPORT



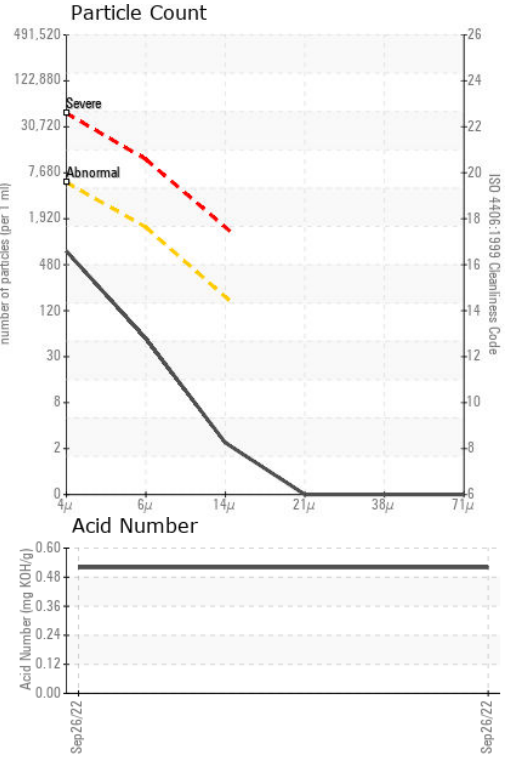
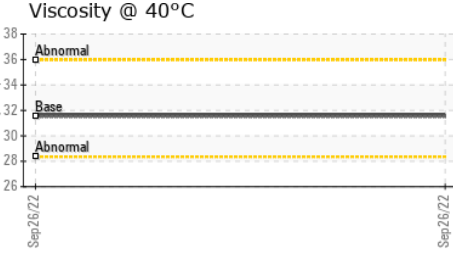
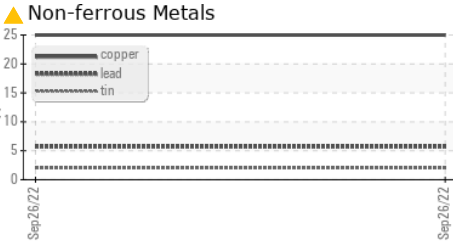
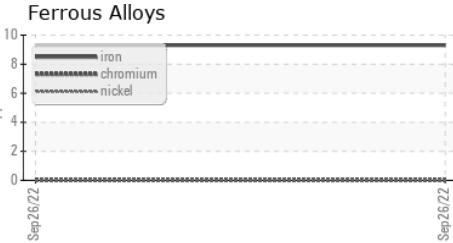
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	VLITE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	VLITE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.05	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	31.5	31.6	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0731079 **Received** : 27 Sep 2022
Lab Number : 05651469 **Diagnosed** : 28 Sep 2022
Unique Number : 10151021 **Diagnostician** : Angela Borella
Test Package : PLANT

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 719 PEGG RD
 GREENSBORO, NC
 US 27409
 Contact: BILLIE WALLACE
 billie.wallace@te.com
 T:
 F:

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)