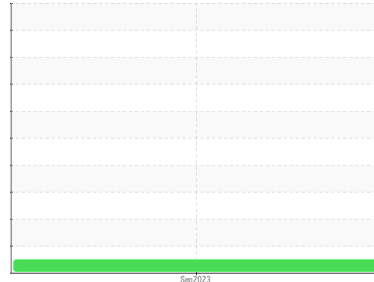




FUEL REPORT

Sample Rating Trend

NORMAL



Machine Id
UTL-M0048

Component
Oil
Fluid
SHELL 15W40 (--- 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 oil.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0829188	---	---
Sample Date	Client Info	07 Sep 2023	---	---
Machine Age	hrs Client Info	1433	---	---
Oil Age	hrs Client Info	1433	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

SULFUR CONTENT

method	limit/base	current	history1	history2
Sulfur	ppm ASTM D5185m	3512	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m <1.0	5	---	---
Sodium	ppm ASTM D5185m <0.1	6	---	---
Potassium	ppm ASTM D5185m <0.1	10	---	---

HEAVY METALS

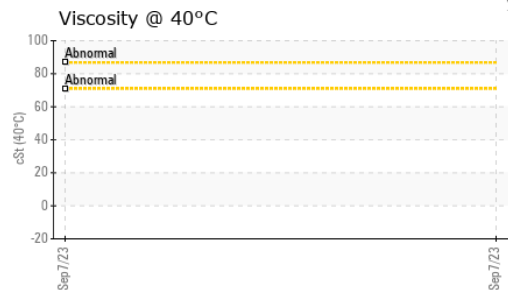
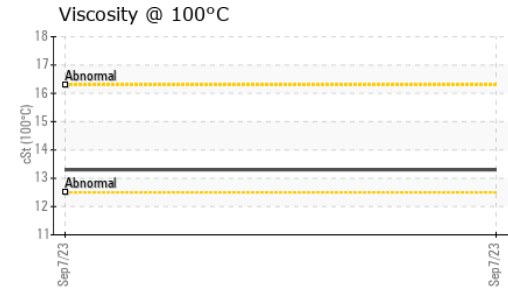
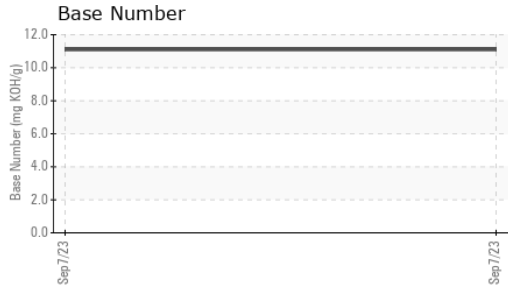
method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185m <0.1	1	---	---
Nickel	ppm ASTM D5185m <0.1	0	---	---
Lead	ppm ASTM D5185m <0.1	0	---	---
Vanadium	ppm ASTM D5185m <0.1	0	---	---
Iron	ppm ASTM D5185m <0.1	1	---	---
Calcium	ppm ASTM D5185m <0.1	1838	---	---
Magnesium	ppm ASTM D5185m <0.1	426	---	---
Phosphorus	ppm ASTM D5185m <0.1	943	---	---
Zinc	ppm ASTM D5185m <0.1	1095	---	---

SAMPLE IMAGES

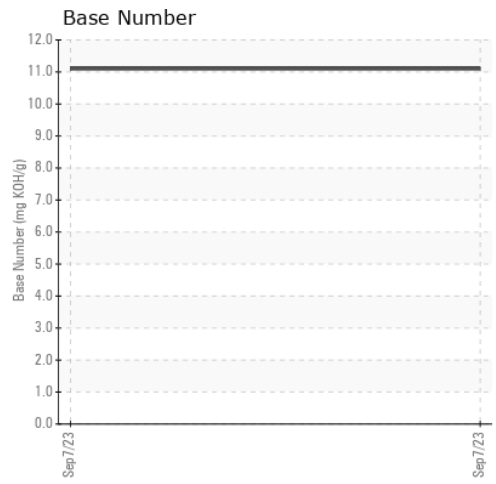
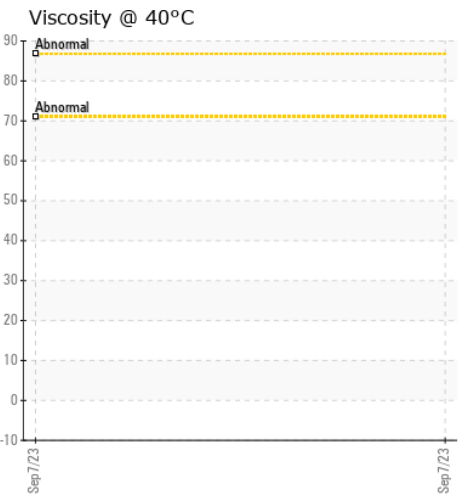
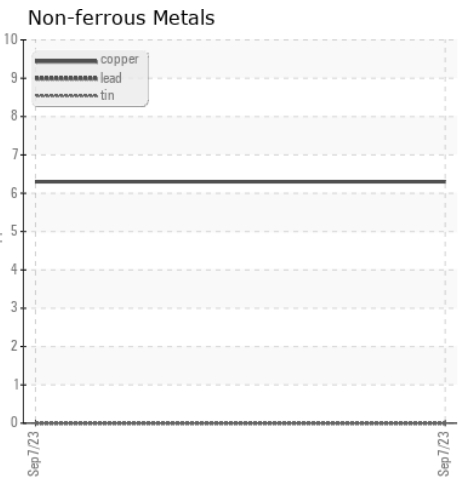
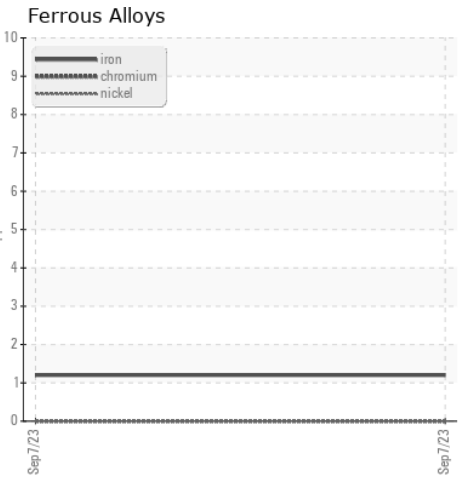
method	limit/base	current	history1	history2
Color			<i>no image</i>	<i>no image</i>
Bottom			<i>no image</i>	<i>no image</i>



FUEL REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0829188 **Received** : 25 Sep 2023
Lab Number : 05959350 **Diagnosed** : 27 Sep 2023
Unique Number : 10660563 **Diagnostician** : Jonathan Hester
Test Package : MOB 1 (Additional Tests: API, CC Flash, Cetane, CldPt, Color-ASTM, FT-IR, Fuel, GC-PerFuel, GC-MS)

ALTERNATIVE POWER
 1000 NORTHGATE CT
 MORRISVILLE, NC
 US 27560
 Contact: ROBERT MCARTHUR
 rmcARTHUR@bittingelectric.com
 T: (919)467-9417
 F:

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)