



# FUEL REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**UTL-M0079**  
 Component  
**Oil**  
 Fluid  
**SHELL 15W40 (15 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		<b>WC0829186</b>	---	---
Sample Date	Client Info		<b>07 Sep 2023</b>	---	---
Machine Age	hrs	Client Info	<b>191</b>	---	---
Oil Age	hrs	Client Info	<b>191</b>	---	---
Oil Changed	Client Info		<b>Changed</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## SULFUR CONTENT

	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	<b>3299</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>7</b>	---
Sodium	ppm	ASTM D5185m	<0.1	<b>1</b>	---
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	---

## HEAVY METALS

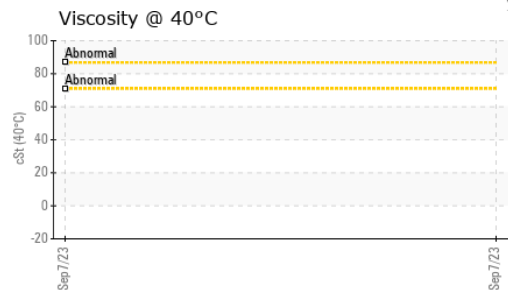
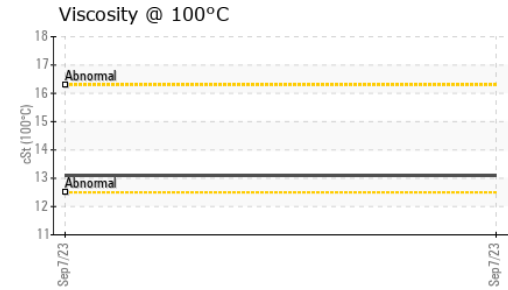
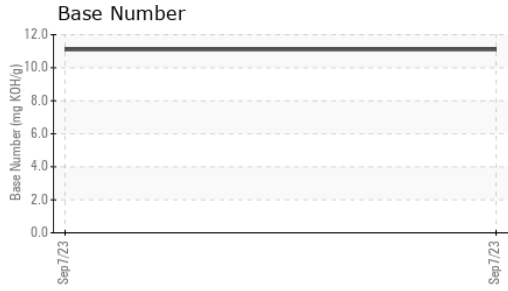
	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	---
Iron	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---
Calcium	ppm	ASTM D5185m	<0.1	<b>1877</b>	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>489</b>	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>968</b>	---
Zinc	ppm	ASTM D5185m	<0.1	<b>1095</b>	---

## SAMPLE IMAGES

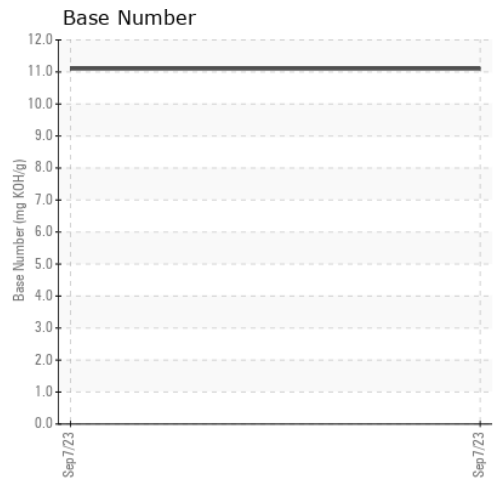
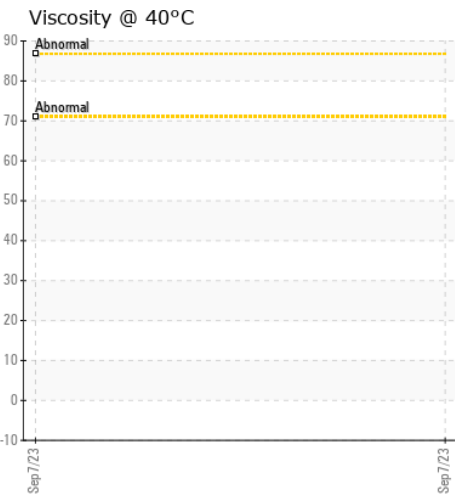
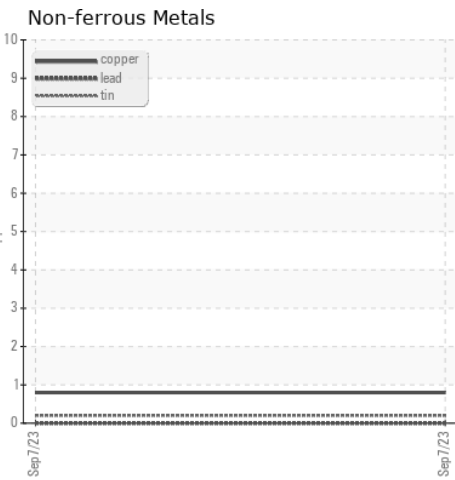
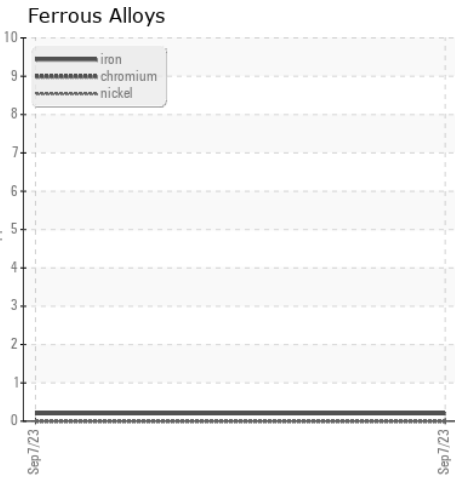
	method	limit/base	current	history1	history2
Color				<i>no image</i>	<i>no image</i>
Bottom				<i>no image</i>	<i>no image</i>



# FUEL REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0829186 **Received** : 25 Sep 2023  
**Lab Number** : 05959348 **Diagnosed** : 27 Sep 2023  
**Unique Number** : 10660561 **Diagnostician** : Jonathan Hester  
**Test Package** : MOB 1 ( Additional Tests: API, CC Flash, Cetane, CldPt, Color-ASTM, FT-IR, Fuel, GC-PercFuel, KF, KV

**ALTERNATIVE POWER**  
 1000 NORTHGATE CT  
 MORRISVILLE, NC  
 US 27560  
 Contact: RYAN BAILEY  
 ryan.bailey@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)