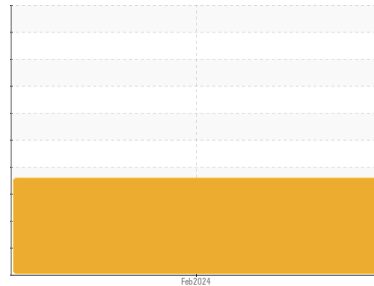




# PROBLEM SUMMARY

Sample Rating Trend



FUEL



Machine Id

**20901**

Component

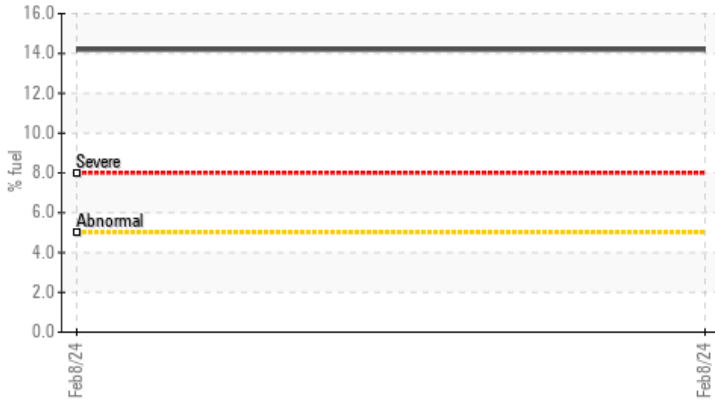
**Diesel Engine**

Fluid

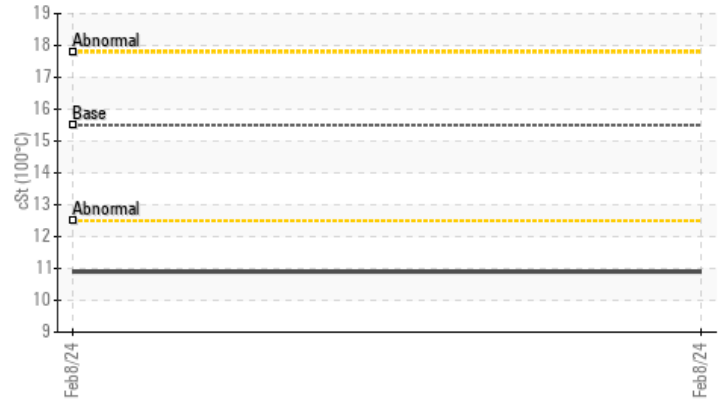
**SHELL ROTELLA T3 15W40 (--- LTR)**

## COMPONENT CONDITION SUMMARY

### ▲ Fuel Dilution



### ▲ Viscosity @ 100°C



## RECOMMENDATION

We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

## PROBLEMATIC TEST RESULTS

Sample Status				<b>SEVERE</b>	---	---
Fuel	%	ASTM D3524	>5	▲ <b>14.2</b>	---	---
Base Number (BN)	mg KOH/g	ASTM D2896	10.6	▲ <b>3.59</b>	---	---
Visc @ 100°C	cSt	ASTM D445	15.5	▲ <b>10.9</b>	---	---

Customer Id: SEAGUYOK

Sample No.: WC0952249

Lab Number: 06206761

Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:

Jonathan Hester +1 919-379-4092 x4092

[jhester@wearcheckusa.com](mailto:jhester@wearcheckusa.com)

To change component or sample information:

Customer Service +1 1-800-237-1369

[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

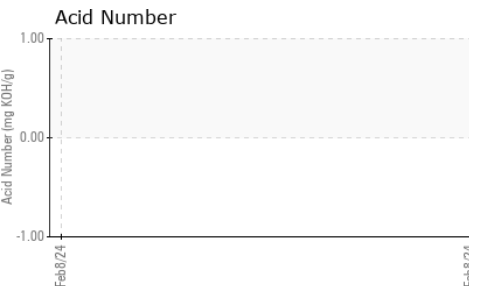
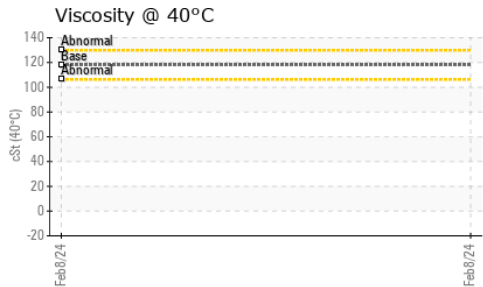
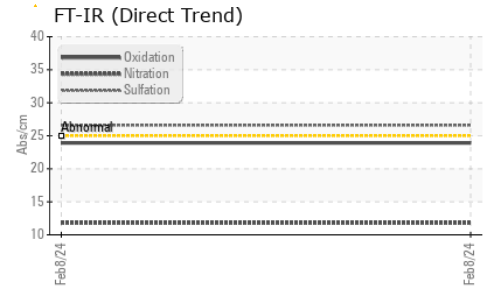
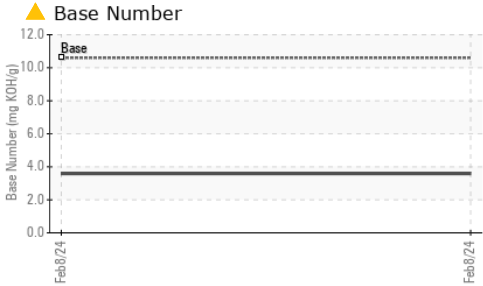
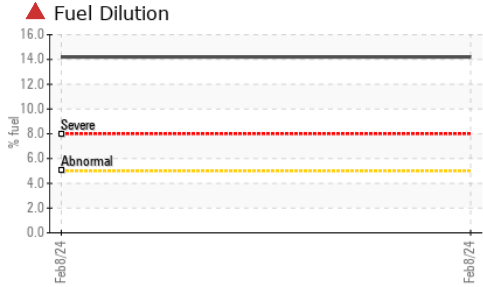
Action	Status	Date	Done By	Description
Change Fluid	---	---	?	We recommend that you drain the oil from the component if this has not already been done.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Check Fuel/injector System	---	---	?	We advise that you check the fuel injection system.

## HISTORICAL DIAGNOSIS





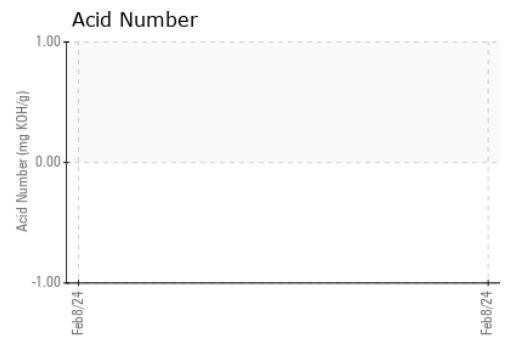
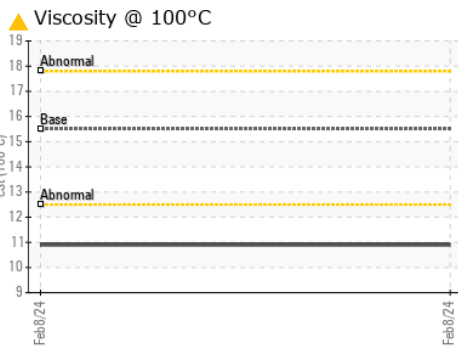
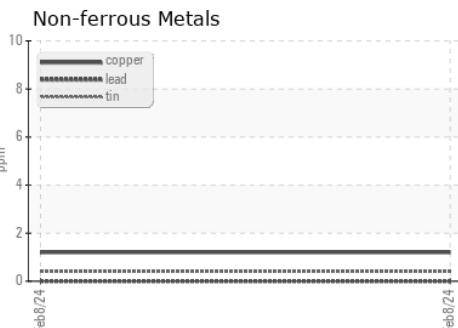
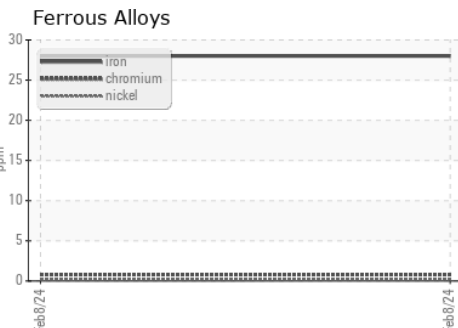
# OIL ANALYSIS REPORT



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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.5	<b>▲ 10.9</b>	---

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0952249 **Received** : 11 Jun 2024  
**Lab Number** : **06206761** **Tested** : 18 Jun 2024  
**Unique Number** : 11074222 **Diagnosed** : 18 Jun 2024 - Jonathan Hester  
**Test Package** : IND 2 ( Additional Tests: FuelDilution, KV40, PercentFuel, TAN Man )

**SEABOARD FOODS**  
 2700 NE 28TH ST  
 GUYMON, OK  
 US 73942

To discuss this sample report, contact Customer Service at 1-800-237-1369. Contact: RICK SAPPINGTON  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. rick\_sappington@seboardfoods.com  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)