

# PROBLEM SUMMARY

Sample Rating Trend



FUEL

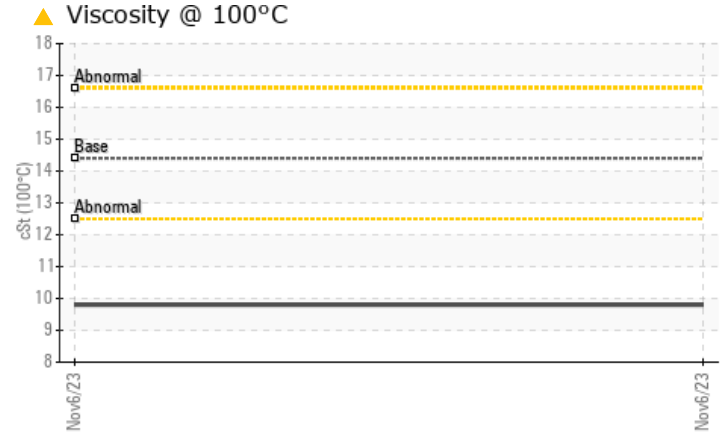
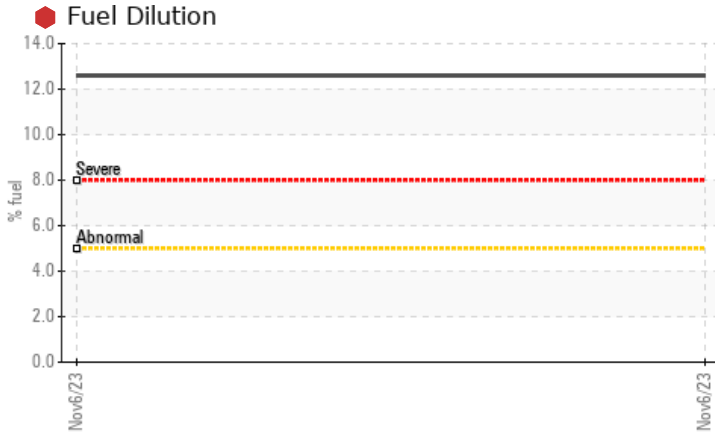


Machine Id  
**77106**

Component  
**Diesel Engine**

Fluid  
**DIESEL ENGINE OIL SAE 15W40 (--- GAL)**

## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

We advise that you check the fuel injection system. We recommend that you drain the oil and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition.

## PROBLEMATIC TEST RESULTS

Sample Status				<b>SEVERE</b>	---	---
Fuel	%	ASTM D3524	>5	<b>12.6</b>	---	---
Visc @ 100°C	cSt	ASTM D445	14.4	<b>9.8</b>	---	---

Customer Id: CITSEQ  
Sample No.: PE0002895  
Lab Number: 06008046  
Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Jonathan Hester +1 919-379-4092 x4092  
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To change component or sample information:  
Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

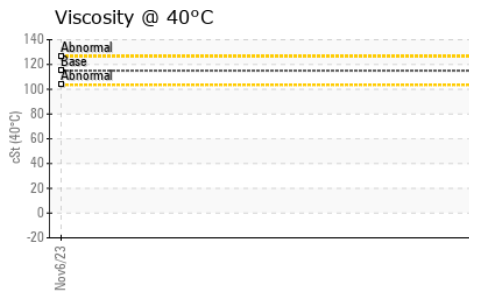
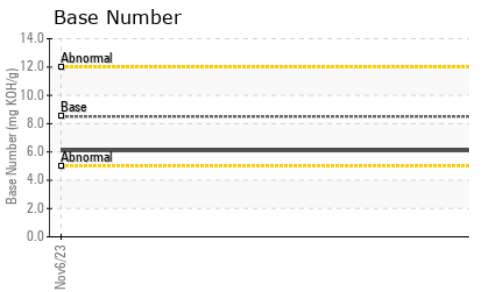
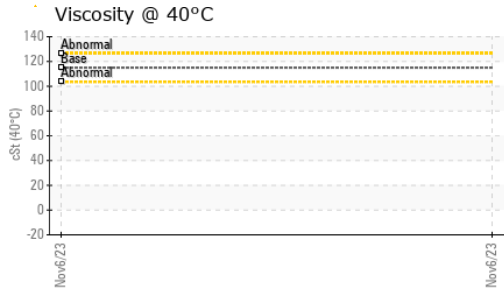
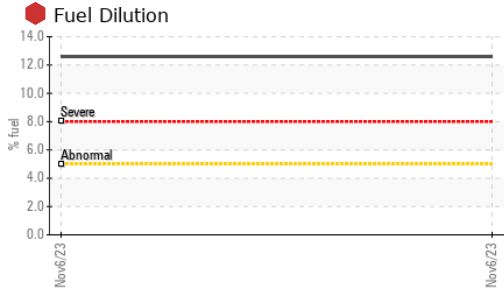
## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	We recommend that you drain the oil and perform a filter service on this component if not already done.
Change Filter	---	---	?	We recommend that you drain the oil and perform a filter service on this component if not already 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



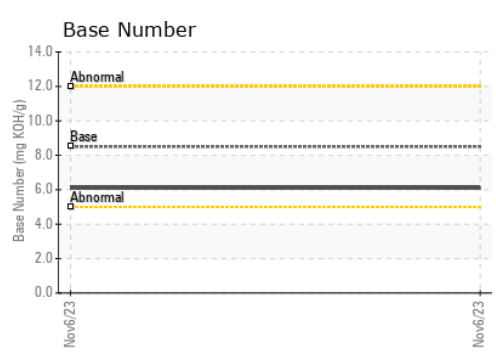
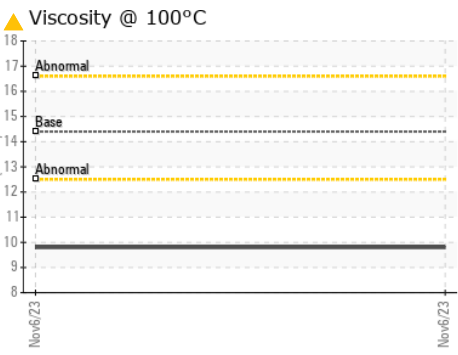
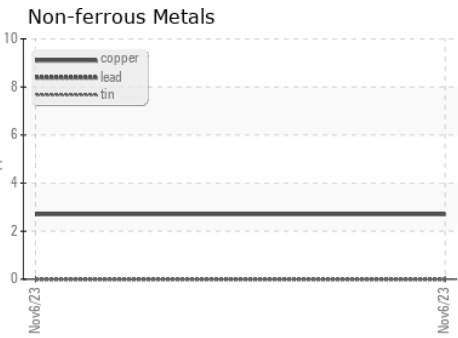
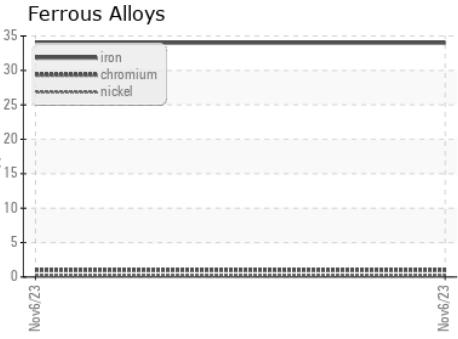
# OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	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 @ 100°C	cSt	ASTM D445	14.4	▲ 9.8	---	---

### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PE0002895 **Received** : 15 Nov 2023  
**Lab Number** : 06008046 **Diagnosed** : 30 Nov 2023  
**Unique Number** : 10741808 **Diagnostician** : Jonathan Hester

**CITY OF SEQUIM**  
 152 W CEDAR ST  
 SEQUIM, WA  
 US 98382

**Test Package** : FLEET ( Additional Tests: FT-IR, FuelDilution, ICP, KV100, KV40, PercentFuel, SCREEN, TBN )

Contact: MARK BENEDICT  
 mbenedict@sequimwa.gov

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.

T: (360)912-5639

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: