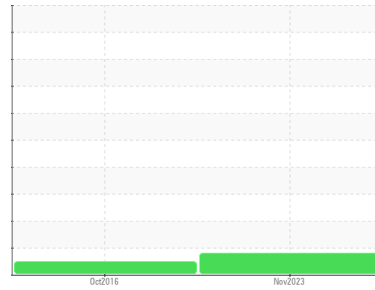




# COOLANT REPORT

Sample Rating Trend



## APPEARANCE



Machine Id  
**PETERBILT 2305**

Component  
**Coolant**  
Fluid  
**EXTENDED LIFE COOLANT (--- QTS)**

### DIAGNOSIS

#### ▲ Recommendation

We recommend drain/flush system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's recommendations.

#### ▲ Contaminants

There is a light concentration of water present in the coolant.

#### Coolant Condition

Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.





### SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>RW0005064</b>	RWM2285751	---
Sample Date	Client Info		<b>16 Nov 2023</b>	14 Oct 2016	---
Machine Age	hrs	Client Info	<b>5482</b>	1670	---
Oil Age	hrs	Client Info	<b>0</b>	1670	---
Oil Changed	Client Info		<b>N/A</b>	Not Changd	---
Sample Status			<b>ABNORMAL</b>	NORMAL	---

### PHYSICAL TEST RESULTS

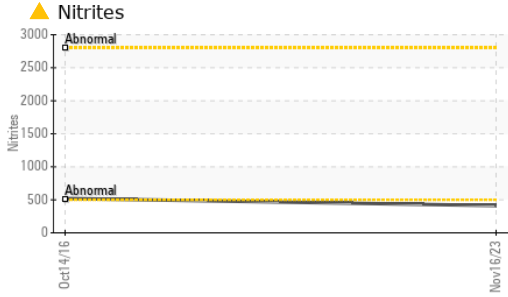
	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.089</b>	---	---
pH	Scale 0-14 ASTM D1287		<b>7.52</b>	8.08	---
Nitrites	ppm AP-053:2009		<b>412</b>	520	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>69.8</b>	67	---
Freezing Point	°F ASTM D3321		<b>-66</b>	-80	---
Total Dissolved Solids			<b>566.5</b>	497	---
Carboxylate			<b>n/a</b>	pass	---

### VISUAL

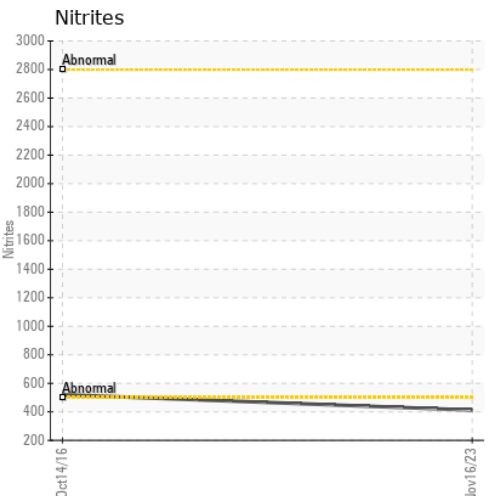
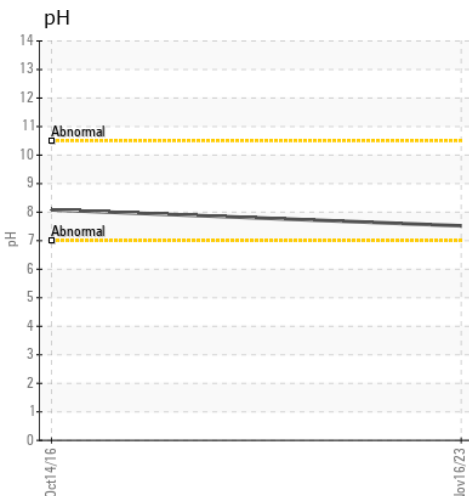
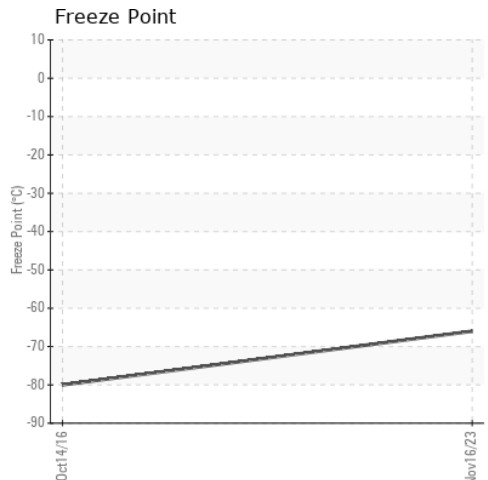
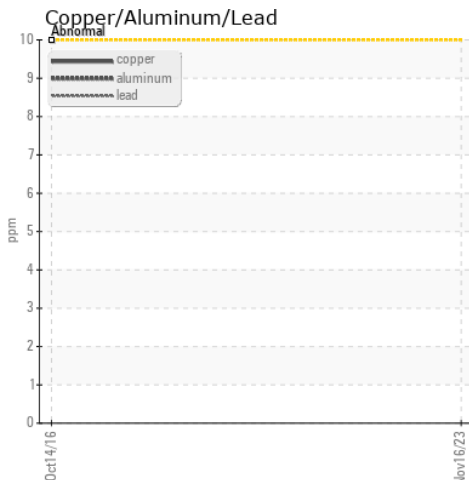
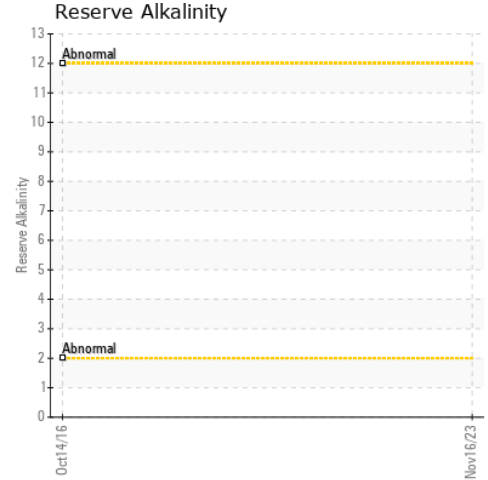
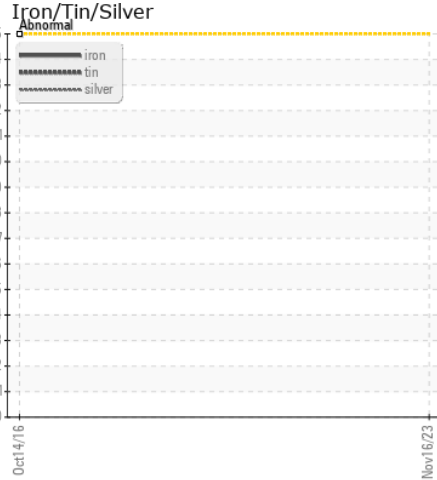
	method	limit/base	current	history1	history2
Coolant Color	*Visual		<b>Red</b>	Red	---
Coolant Appearance	*Visual	Clear	<b>▲ oil</b>	normal	---
Color					no image
Bottom					no image



# COOLANT REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RW0005064 **Received** : 24 Nov 2023  
**Lab Number** : 06016965 **Diagnosed** : 29 Nov 2023  
**Unique Number** : 10756109 **Diagnostician** : Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: COOL )

**NEWKIRK ELECTRIC**  
 1875 ROBERTS ST.  
 MUSKEGON, MI  
 US 49442

Contact: ERIC KING  
 ewking@newkirk-electric.com

T: (231)206-6131  
 F: (231)724-4090

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)