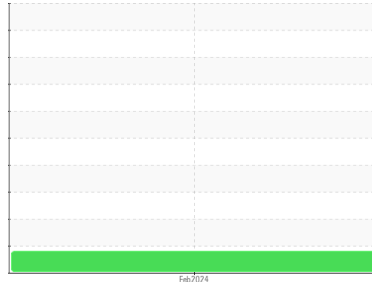


# OIL ANALYSIS REPORT

Sample Rating Trend



**VISCOSITY**



Machine Id  
**ROADTECH 2500E 2611300**

Component  
**Power Take Off**

Fluid  
**GEAR OIL ISO 220 (--- 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**

Viscosity of sample indicates oil is within SAE 80W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

**SAMPLE INFORMATION** method limit/base current history1 history2

Sample Number	Client Info	<b>PC0072974</b>	---	---
Sample Date	Client Info	<b>08 Feb 2024</b>	---	---
Machine Age	hrs Client Info	<b>6533</b>	---	---
Oil Age	hrs Client Info	<b>500</b>	---	---
Oil Changed	Client Info	<b>Changed</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

**CONTAMINATION** method limit/base current history1 history2

Water	WC Method	>0.1	<b>NEG</b>	---	---
-------	-----------	------	------------	-----	-----

**WEAR METALS** method limit/base current history1 history2

Iron	ppm	ASTM D5185(m)	>200	<b>3</b>	---	---
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185(m)	>200	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	---	---

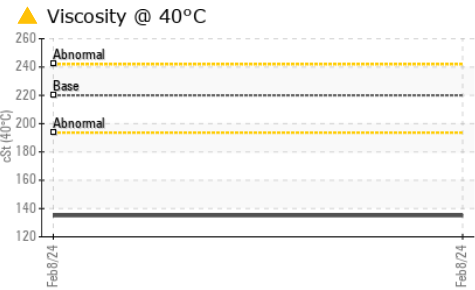
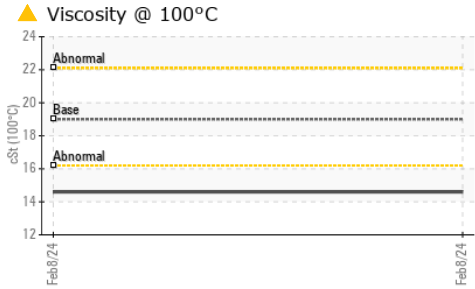
**ADDITIVES** method limit/base current history1 history2

Boron	ppm	ASTM D5185(m)	50	<b>225</b>	---	---
Barium	ppm	ASTM D5185(m)	15	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	15	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	50	<b>10</b>	---	---
Calcium	ppm	ASTM D5185(m)	50	<b>17</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	350	<b>956</b>	---	---
Zinc	ppm	ASTM D5185(m)	100	<b>47</b>	---	---
Sulfur	ppm	ASTM D5185(m)	12500	<b>16153</b>	---	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---

**CONTAMINANTS** method limit/base current history1 history2

Silicon	ppm	ASTM D5185(m)	>50	<b>2</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---

# OIL ANALYSIS REPORT

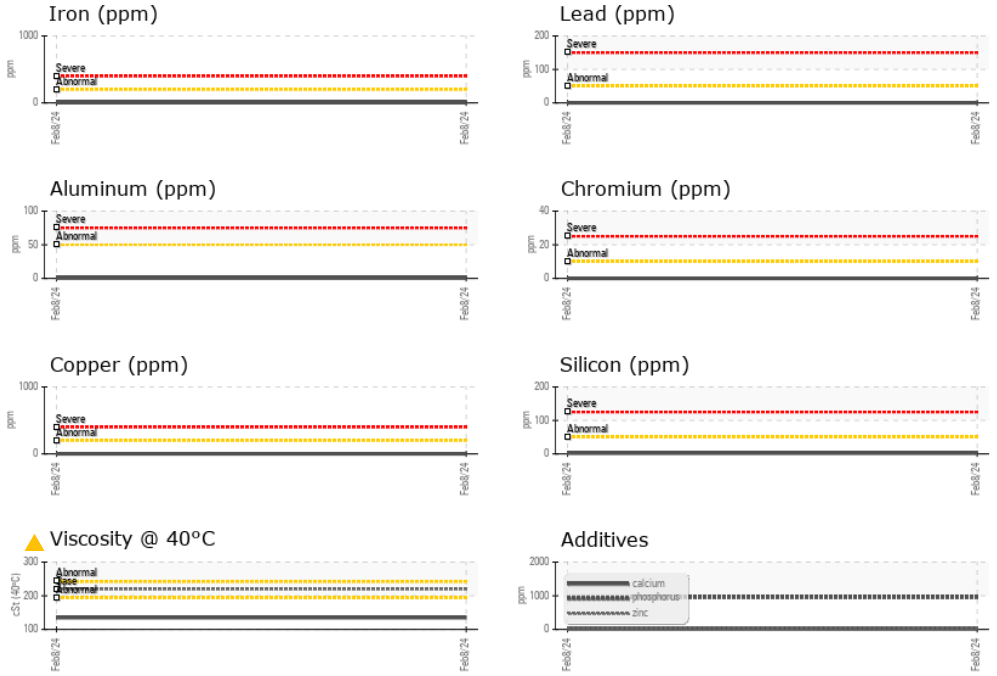


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	220	▲ 135	---
Visc @ 100°C	cSt	ASTM D7279(m)	19.0	▲ 14.6	---
Viscosity Index (VI)	Scale	ASTM D2270*	96	107	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0072974  
**Lab Number** : 02614740  
**Unique Number** : 5723835  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

**HURON CONSTRUCTION CO. LIMITED**  
 BOX 609  
 CHATHAM, ON  
 CA N7M 5K8  
 Contact: John Malett  
 john.malett@millergroup.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.

T:  
 F: (519)351-1880