



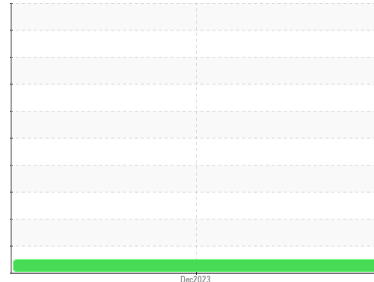
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**POMERLEAU INC [E21112023S]**  
 Machine Id  
**JOHN DEERE 644P 1FF245PAKNF000171**  
 Component  
**Reference New (Unused) Oil**  
 Fluid  
**PANOLIN HLP SYNTH 46 (240 LTR)**



## DIAGNOSIS

### Recommendation

Il s'agit du relevé de base de l'échantillon soumis.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>WC</b>	---	---
Sample Date	Client Info	<b>27 Dec 2023</b>	---	---
Machine Age	hrs Client Info	<b>12</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.05	<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m)	<b>0</b>	---	---
Chromium	ppm ASTM D5185(m)	<b>0</b>	---	---
Nickel	ppm ASTM D5185(m)	<b>0</b>	---	---
Titanium	ppm ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm ASTM D5185(m)	<b>0</b>	---	---
Aluminum	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Lead	ppm ASTM D5185(m)	<b>0</b>	---	---
Copper	ppm ASTM D5185(m)	<b>0</b>	---	---
Tin	ppm ASTM D5185(m)	<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) 0	<b>2</b>	---	---
Barium	ppm ASTM D5185(m) 0	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185(m) 0	<b>0</b>	---	---
Manganese	ppm ASTM D5185(m) 0	<b>0</b>	---	---
Magnesium	ppm ASTM D5185(m) 0	<b>0</b>	---	---
Calcium	ppm ASTM D5185(m) 0	<b>&lt;1</b>	---	---
Phosphorus	ppm ASTM D5185(m) 1700	<b>1469</b>	---	---
Zinc	ppm ASTM D5185(m) 0	<b>1</b>	---	---
Sulfur	ppm ASTM D5185(m) 1350	<b>1927</b>	---	---
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Sodium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---
Potassium	ppm ASTM D5185(m) >20	<b>2</b>	---	---

## INFRA-RED

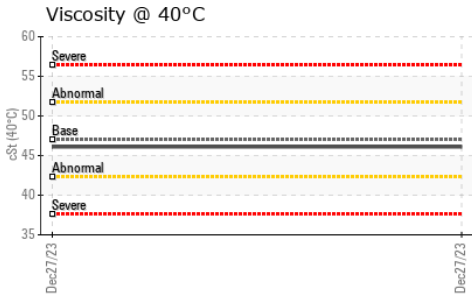
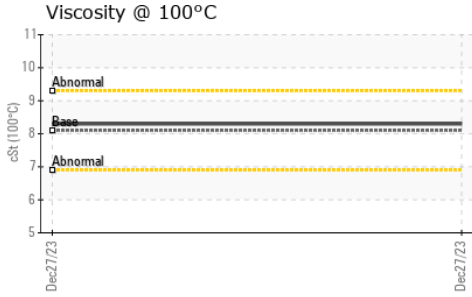
method	limit/base	current	history1	history2
Soot %	% ASTM D7844*	<b>0</b>	---	---
Nitration	Abs/cm ASTM D7624*	<b>4.1</b>	---	---
Sulfation	Abs/.1mm ASTM D7415*	<b>156.0</b>	---	---

## FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs/.1mm ASTM D7414*	<b>151.9</b>	---	---



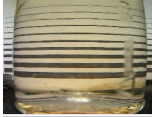

# OIL ANALYSIS REPORT



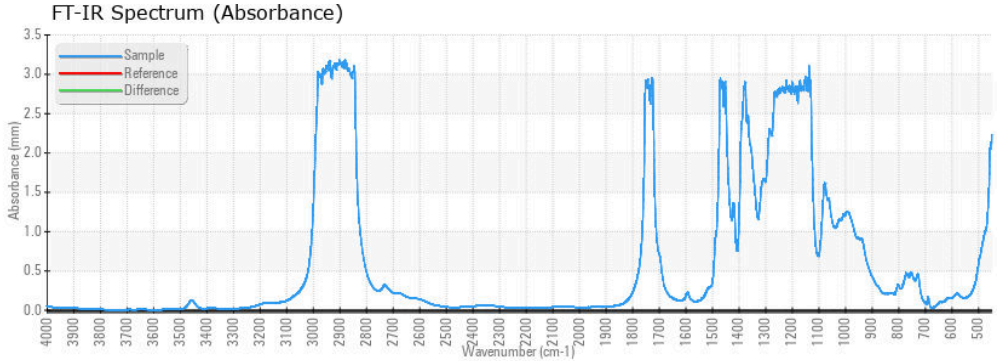
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	47.0	<b>46.1</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	8.1	<b>8.3</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	146	<b>156</b>	---	---

### 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.** : WC **Received** : 02 Jan 2024  
**Lab Number** : **02606139** **Tested** : 03 Jan 2024  
**Unique Number** : 5707225 **Diagnosed** : 04 Jan 2024 - Bill Quesnel  
**Test Package** : TEST ( Additional Tests: ICP-NewOil )

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.

**Envirolin Canada**  
 520 rue Adanac  
 Quebec, QC  
 CA G1C 7B7  
 Contact: Patrick Levesque  
 patrick.levesque@envirolin.com  
 T: (418)623-1216  
 F: (418)660-8889