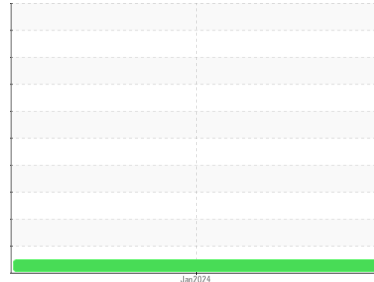




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**STRONGCO [E27122023F]**  
 Machine Id  
**VOLVO ECR235EL VCECR235C00315707 (S/N VCEVR235C00315707)**  
 Component  
**Reference New (Unused) Oil**  
 Fluid  
**PANOLIN HLP SYNTH 46 (--- GAL)**

## DIAGNOSIS

### Recommendation

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

### Wear

{sans objet}

### Contamination

{sans objet}

### Fluid Condition

{sans objet}

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC</b>	---	---
Sample Date	Client Info		<b>12 Jan 2024</b>	---	---
Machine Age	hrs	Client Info	<b>232</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>&lt;1</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)	<b>0</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>2</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>4</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>1700</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>0</b>	---	---
Sulfur	ppm	ASTM D5185(m)	<b>1350</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>0</b>	---	---
Potassium	ppm	ASTM D5185(m)	<b>&gt;20</b>	---	---

## INFRA-RED

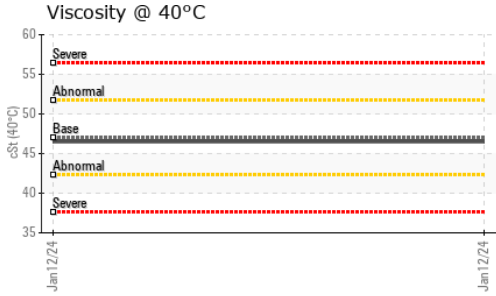
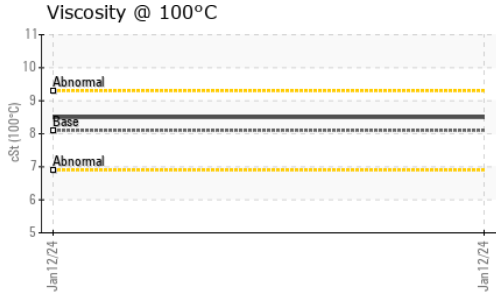
	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	<b>4.0</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*	<b>159.4</b>	---	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	<b>152.4</b>	---	---



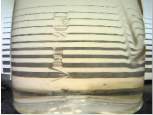

# OIL ANALYSIS REPORT



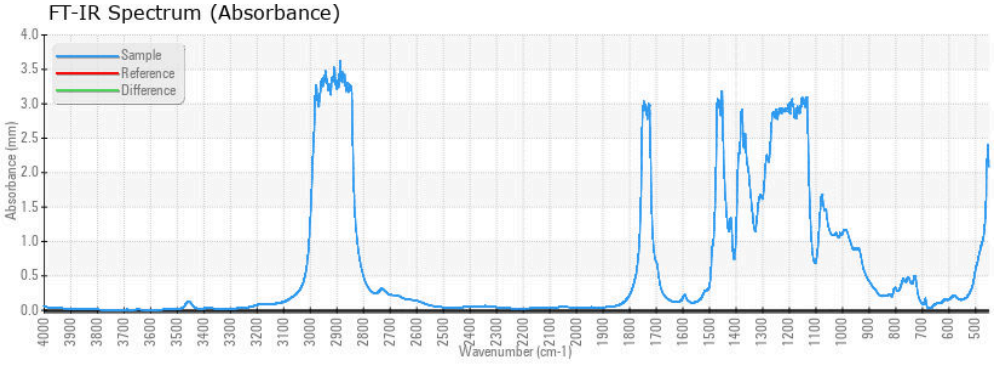
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	47.0	<b>46.5</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	8.1	<b>8.5</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	146	<b>161</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** : 16 Jan 2024  
**Lab Number** : **02609147** **Diagnosed** : 18 Jan 2024  
**Unique Number** : 5710233 **Diagnostician** : 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.

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