



# VOLVO

## OIL ANALYSIS REPORT

WEAR	<b>ABNORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id

**14-26**

Component

**4 Differential**

Fluid

**TOTAL FINA TOTAL TRANSMISSION SYN NA 75W90 (--- GAL)**

### RECOMMENDATION

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

### WEAR

Usure de rondelle de butée et (ou) de palier et (ou) de douille.

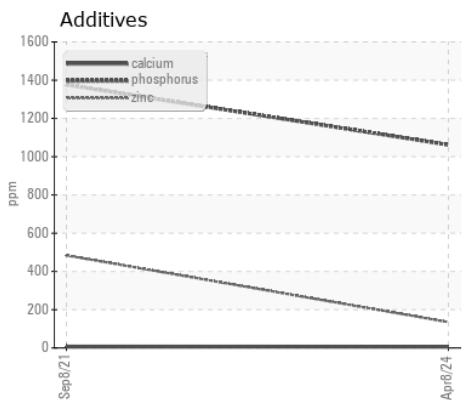
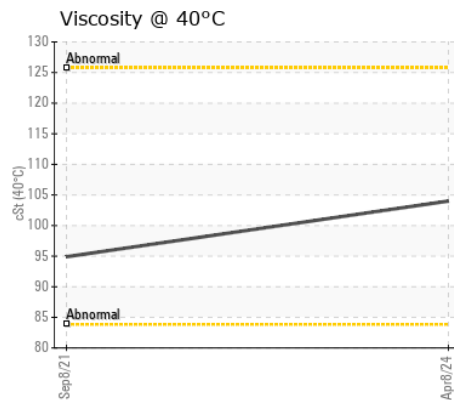
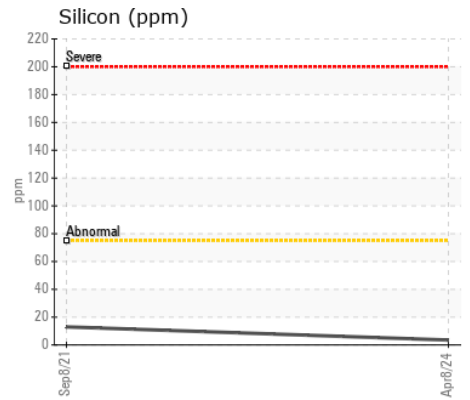
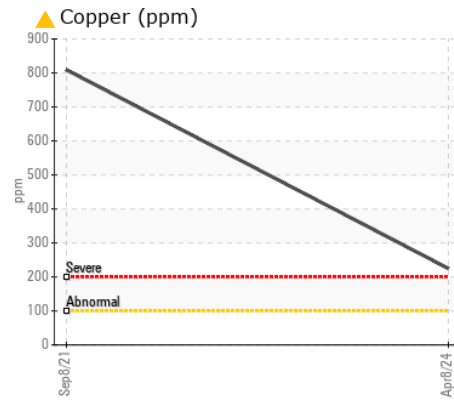
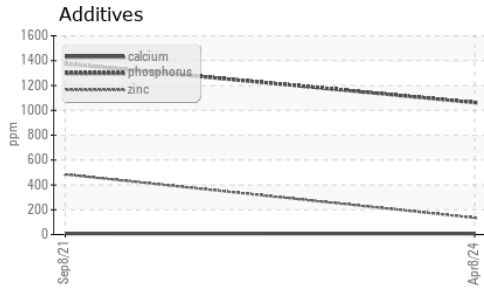
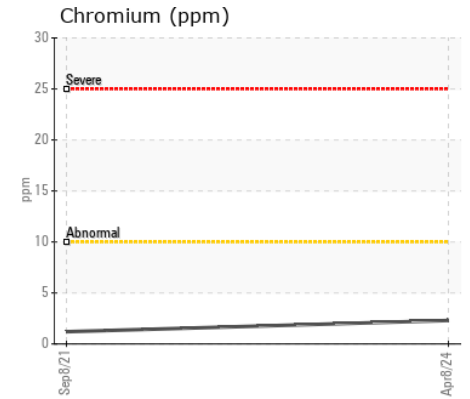
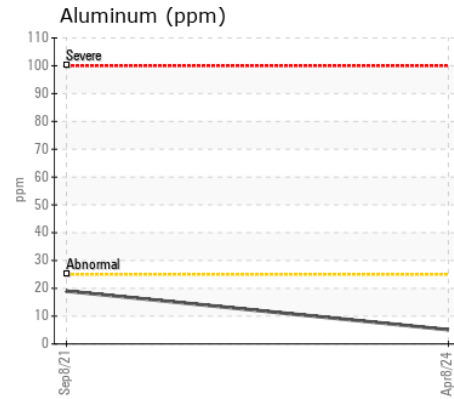
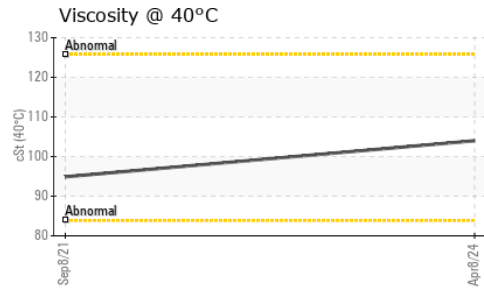
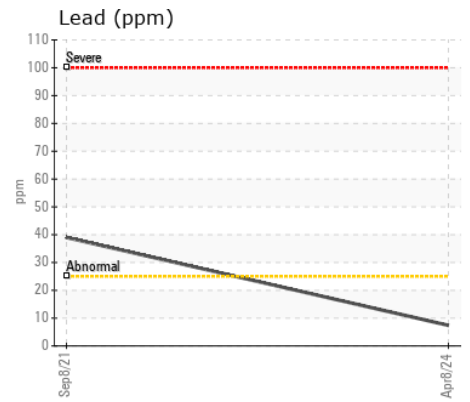
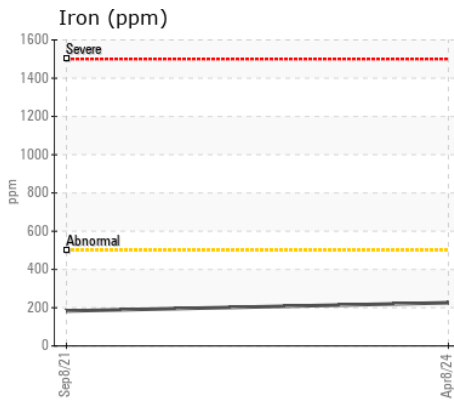
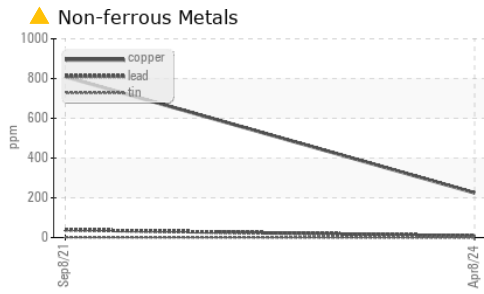
### CONTAMINATION

Il n'y a aucun indice de contamination dans l'huile.

### FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP393855</b>	VCP274278	---
Sample Date		Client Info		<b>08 Apr 2024</b>	08 Sep 2021	---
Machine Age	hrs	Client Info		<b>3106</b>	2380	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changed</b>	Changed	---
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	---
Sample Status				<b>ABNORMAL</b>	SEVERE	---
Iron	ppm	ASTM D5185(m)	>500	<b>226</b>	183	---
Chromium	ppm	ASTM D5185(m)	>10	<b>2</b>	1	---
Nickel	ppm	ASTM D5185(m)	>10	<b>1</b>	3	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>5</b>	19	---
Lead	ppm	ASTM D5185(m)	>25	<b>7</b>	▲ 39	---
Copper	ppm	ASTM D5185(m)	>100	▲ <b>225</b>	▲ 809	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>LIGHT</b>	▲ HEAVY	---
Silicon	ppm	ASTM D5185(m)	>75	<b>4</b>	13	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	1	---
Water		WC Method	>.2	<b>NEG</b>	NEG	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	Visual*	>.2	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185(m)		<b>3</b>	17	---
Boron	ppm	ASTM D5185(m)		<b>110</b>	220	---
Barium	ppm	ASTM D5185(m)		<b>33</b>	1	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185(m)		<b>7</b>	● 26	---
Magnesium	ppm	ASTM D5185(m)		<b>4</b>	1	---
Calcium	ppm	ASTM D5185(m)		<b>7</b>	8	---
Phosphorus	ppm	ASTM D5185(m)		<b>1062</b>	1376	---
Zinc	ppm	ASTM D5185(m)		<b>135</b>	● 484	---
Sulfur	ppm	ASTM D5185(m)		<b>22932</b>	22701	---
Visc @ 40°C	cSt	ASTM D7279(m)		<b>104</b>	94.9	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP393855 **Received** : 06 May 2024  
**Lab Number** : 02633655 **Tested** : 07 May 2024  
**Unique Number** : 5774808 **Diagnosed** : 07 May 2024 - Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: Bottom, BottomAnalysis, FilterPatch )

**TESSIER LTEE.**  
 4 RUE LAVALEE  
 BAIE COMEAU, QC  
 CA G4Z 1L4  
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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.