



# VOLVO

## OIL ANALYSIS REPORT

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

Machine Id  
**14-26**  
 Component  
**Diesel Engine**  
 Fluid  
**TOTAL FINA QUARTS 9000 5W40 (--- GAL)**

### RECOMMENDATION

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP394057	---	---
Sample Date		Client Info		08 Apr 2024	---	---
Machine Age	hrs	Client Info		3106	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---

### WEAR

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>100	45	---	---
Chromium	ppm	ASTM D5185(m)	>20	3	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>20	3	---	---
Lead	ppm	ASTM D5185(m)	>40	0	---	---
Copper	ppm	ASTM D5185(m)	>330	6	---	---
Tin	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

### CONTAMINATION

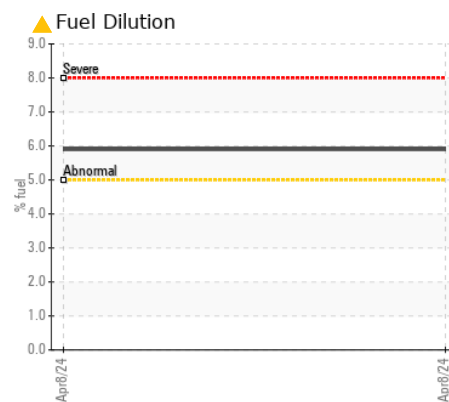
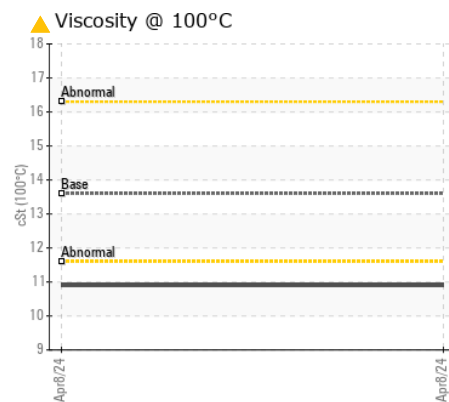
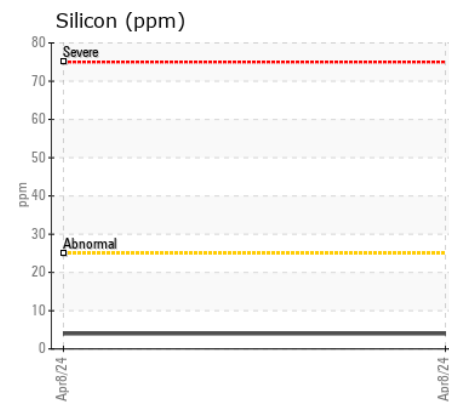
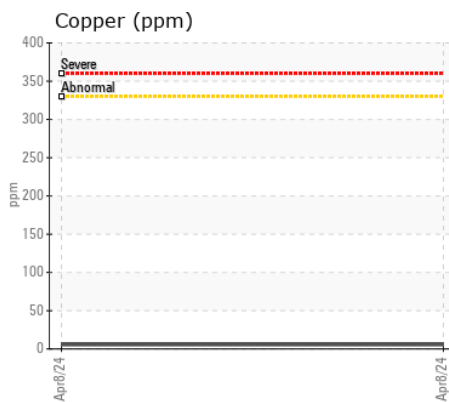
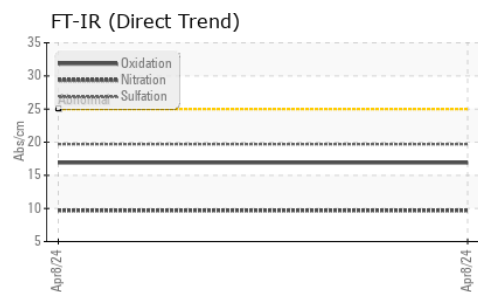
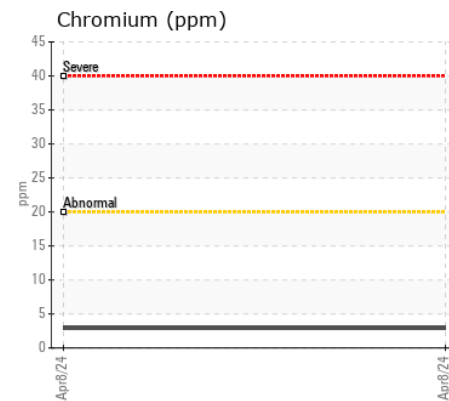
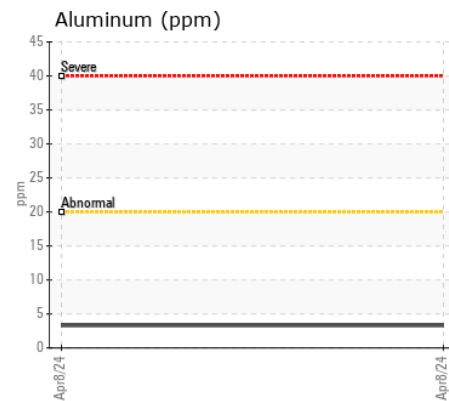
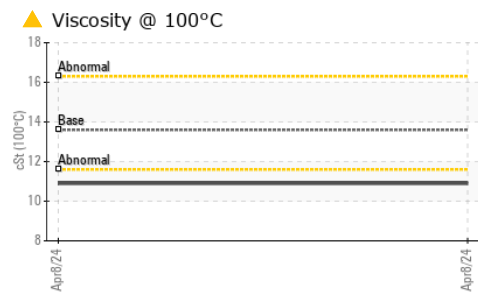
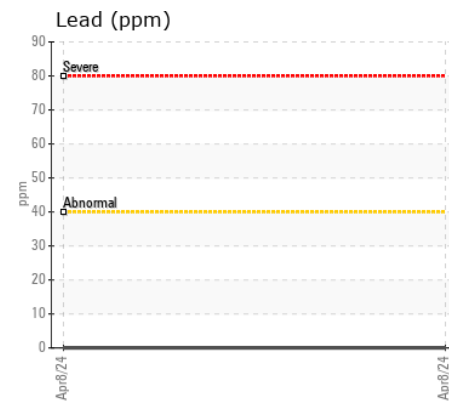
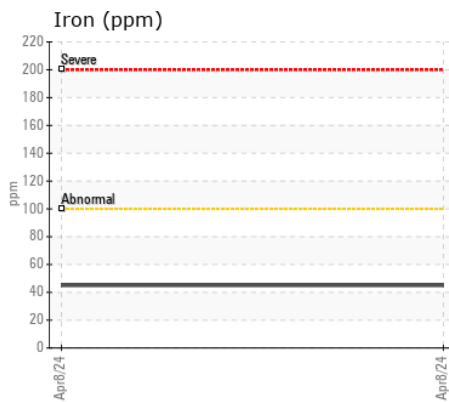
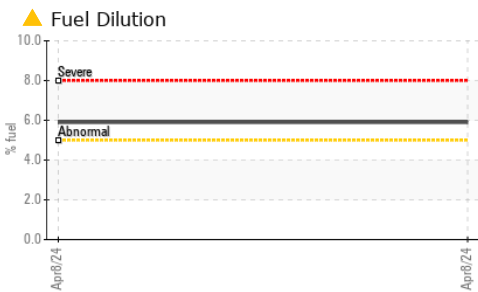
Quantité modérée de carburant dans l'huile. Les tests confirment la présence de carburant dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	4	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Fuel	%	ASTM D7593*	>5	▲ 5.9	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>3	0.1	---	---
Nitration	Abs/cm	ASTM D7624*	>20	9.7	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.7	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

### FLUID CONDITION

Il y a du carburant dans l'huile, ce qui réduit la viscosité. L'huile ne peut plus être utilisée en raison de la présence de contaminants.

Sodium	ppm	ASTM D5185(m)		4	---	---
Boron	ppm	ASTM D5185(m)		24	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		57	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		952	---	---
Calcium	ppm	ASTM D5185(m)		954	---	---
Phosphorus	ppm	ASTM D5185(m)		932	---	---
Zinc	ppm	ASTM D5185(m)		1131	---	---
Sulfur	ppm	ASTM D5185(m)		2606	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.9	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	13.6	▲ 10.9	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP394057 **Received** : 06 May 2024  
**Lab Number** : 02633466 **Tested** : 07 May 2024  
**Unique Number** : 5774619 **Diagnosed** : 07 May 2024 - Wes Davis  
**Test Package** : MOB 1 ( Additional Tests: FuelDilution, PercentFuel )

**TESSIER LTEE.**  
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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.