



# VOLVO

## OIL ANALYSIS REPORT

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

Area

**[BTBC-003199]**

Machine Id

**T12-04**

Component

**Main Winch**

Fluid

**TOTAL FINA CARTER SP ISO 150 (--- GAL)**



### RECOMMENDATION

Nous vous recommandons de vérifier la source de l'infiltration d'eau. 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		VCP394432	---	---
Sample Date		Client Info		27 Mar 2024	---	---
Machine Age	kms	Client Info		1966	---	---
Oil Age	kms	Client Info		0	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---

### WEAR

Le haut indice ferreux (PQ) indique la présence d'une usure anormale.

PQ		ASTM D8184*		▲ 645	---	---
Iron	ppm	ASTM D5185(m)	>150	▲ 818	---	---
Chromium	ppm	ASTM D5185(m)	>10	2	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titanium	ppm	ASTM D5185(m)		1	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>5	7	---	---
Lead	ppm	ASTM D5185(m)	>15	2	---	---
Copper	ppm	ASTM D5185(m)	>80	26	---	---
Tin	ppm	ASTM D5185(m)		1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

### CONTAMINATION

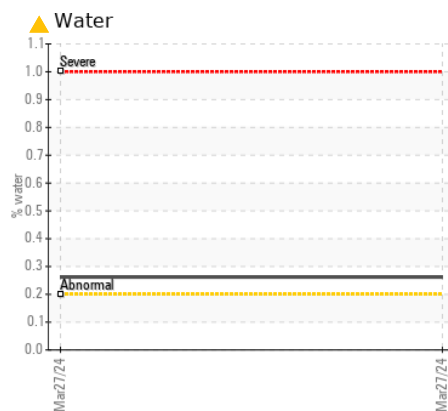
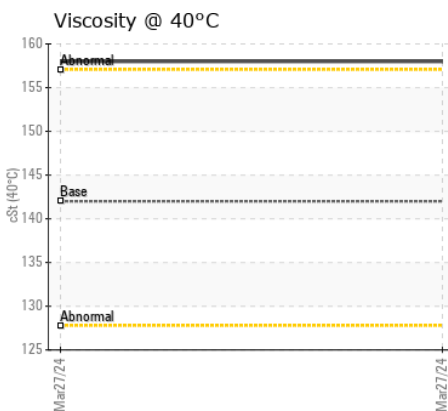
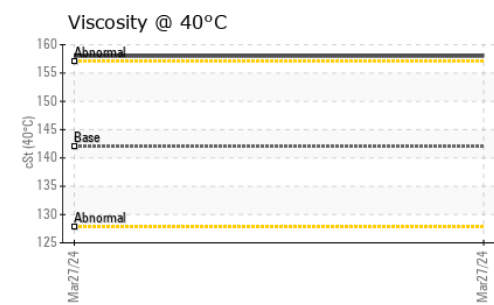
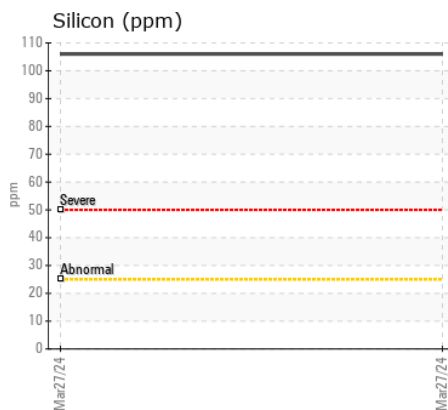
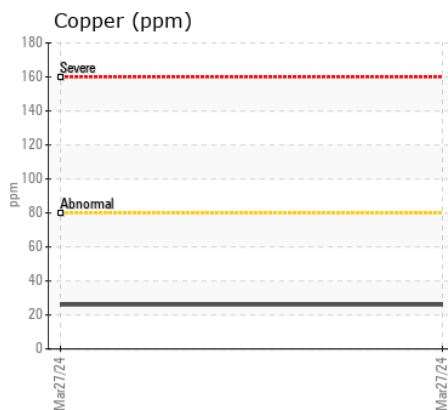
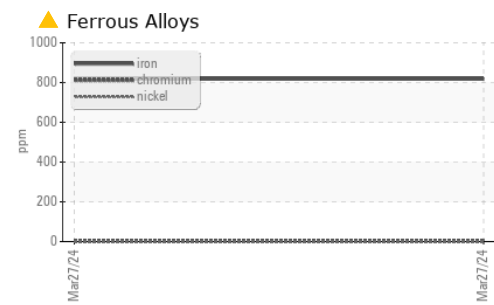
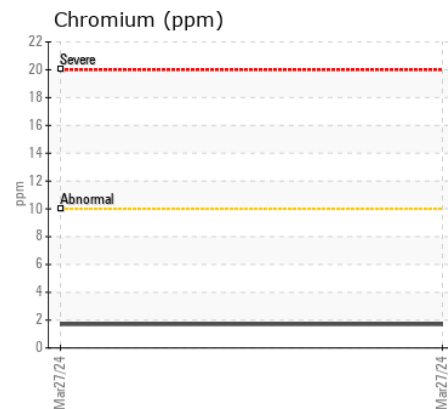
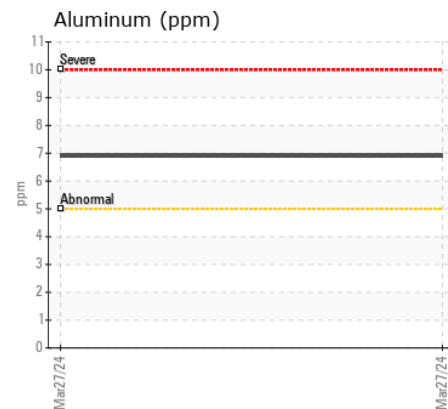
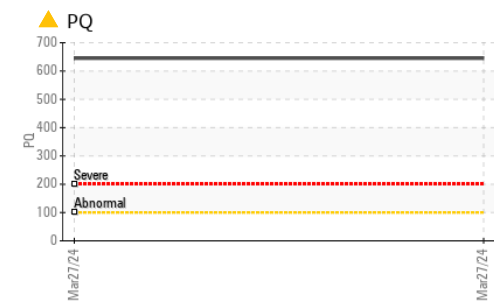
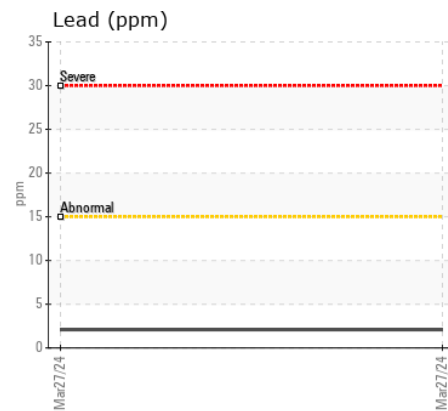
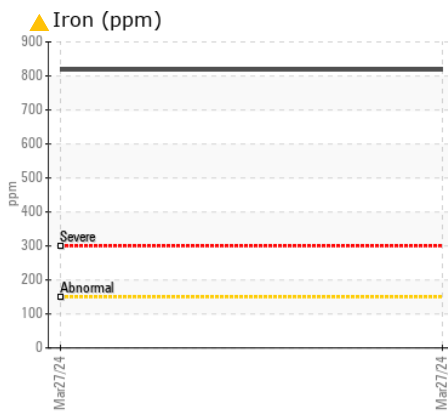
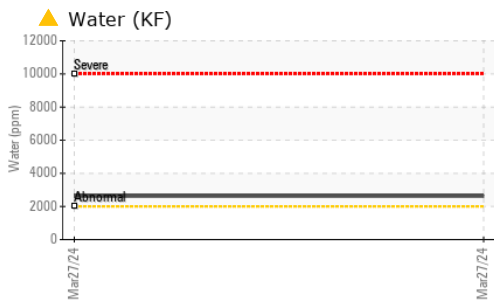
Concentration modérée d'eau dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	106	---	---
Potassium	ppm	ASTM D5185(m)	>20	7	---	---
Water	%	ASTM D6304*	>0.2	▲ 0.262	---	---
ppm Water	ppm	ASTM D6304*	>2000	▲ 2626	---	---
Silt	scalar	Visual*	NONE	VLITE	---	---
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*	>0.2	▲ .2%	---	---

### FLUID CONDITION

L'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Sodium	ppm	ASTM D5185(m)		11	---	---
Boron	ppm	ASTM D5185(m)		49	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		6	---	---
Magnesium	ppm	ASTM D5185(m)		5	---	---
Calcium	ppm	ASTM D5185(m)		9	---	---
Phosphorus	ppm	ASTM D5185(m)		453	---	---
Zinc	ppm	ASTM D5185(m)		20	---	---
Sulfur	ppm	ASTM D5185(m)		5703	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	142	158	---	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP394432  
**Lab Number** : 02627044  
**Unique Number** : 5760176  
**Test Package** : MOB 1 ( Additional Tests: KF, PQ )

**Received** : 05 Apr 2024  
**Tested** : 10 Apr 2024  
**Diagnosed** : 10 Apr 2024 - Kevin Marson

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.

**TESSIER LTEE.**  
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