



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area  
**TRIPLE M METAL [402091]**  
Machine Id  
**VOLVO EC380E 314843**  
Component  
**Hydraulic System**  
Fluid  
**VOLVO SUPER HYDRAULIC OIL 46 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

## WEAR

All component wear rates are normal.

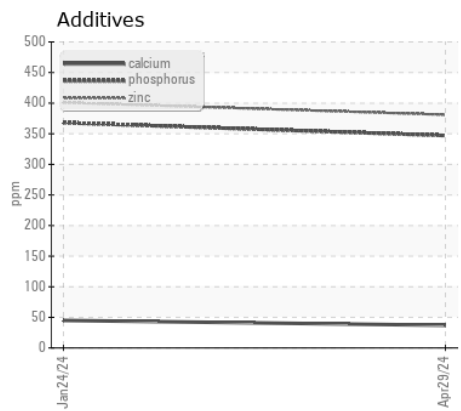
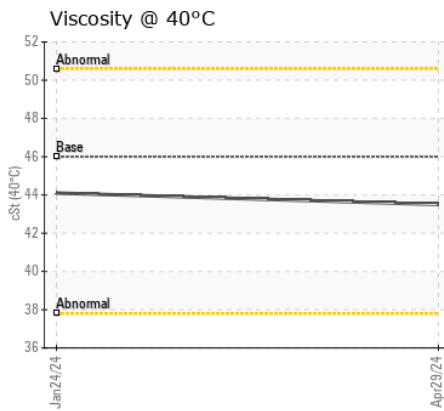
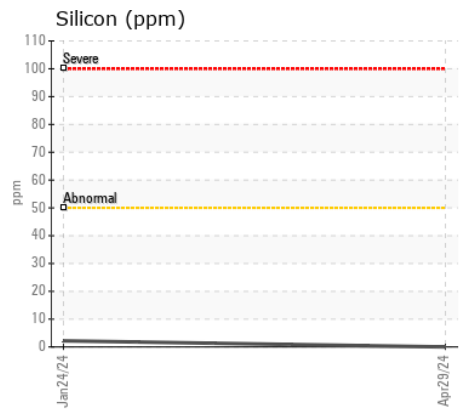
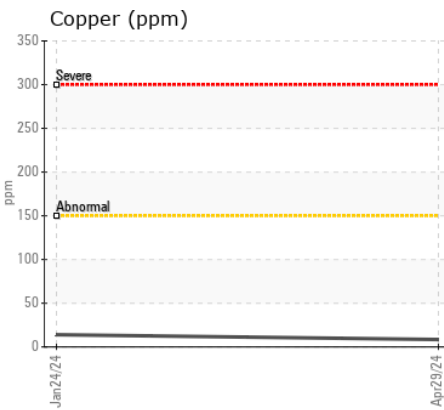
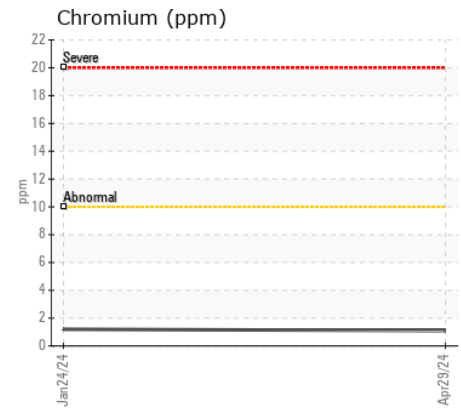
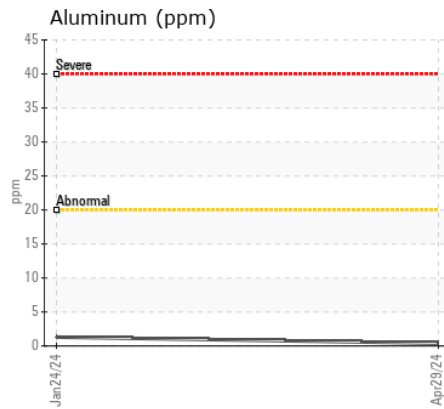
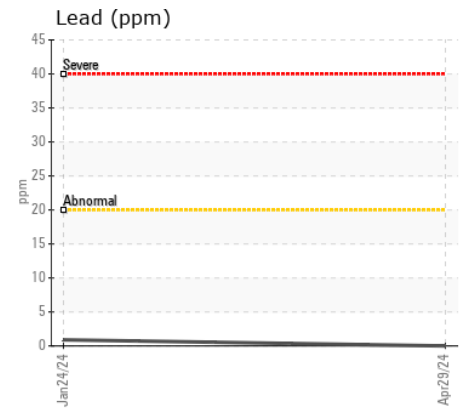
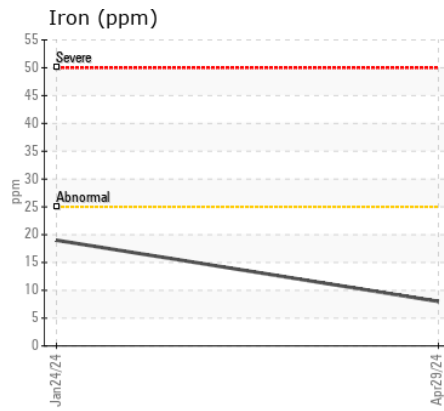
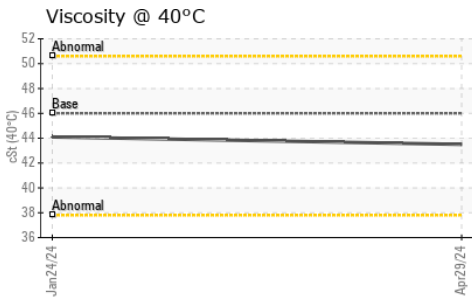
## CONTAMINATION

There is no indication of any contamination in the component(unconfirmed).

## FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC393884</b>	VCP391990	---
Sample Date		Client Info		<b>29 Apr 2024</b>	24 Jan 2024	---
Machine Age	hrs	Client Info		<b>5340</b>	4061	---
Oil Age	hrs	Client Info		<b>1000</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---
Iron	ppm	ASTM D5185(m)	>25	<b>8</b>	19	---
Chromium	ppm	ASTM D5185(m)	>10	<b>1</b>	1	---
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	1	---
Lead	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Copper	ppm	ASTM D5185(m)	>150	<b>8</b>	14	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185(m)	>50	<b>0</b>	2	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Water		WC Method	>0.1	<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*	>0.1	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Boron	ppm	ASTM D5185(m)	14	<b>0</b>	<1	---
Barium	ppm	ASTM D5185(m)	0.0	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	0.0	<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)	0.0	<b>0</b>	0	---
Magnesium	ppm	ASTM D5185(m)	2.6	<b>&lt;1</b>	1	---
Calcium	ppm	ASTM D5185(m)	49	<b>37</b>	45	---
Phosphorus	ppm	ASTM D5185(m)	354	<b>347</b>	368	---
Zinc	ppm	ASTM D5185(m)	419	<b>381</b>	401	---
Sulfur	ppm	ASTM D5185(m)	3719	<b>1076</b>	997	---
Visc @ 40°C	cSt	ASTM D7279(m)	46	<b>43.5</b>	44.1	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC393884 **Received** : 30 Apr 2024  
**Lab Number** : 02632351 **Tested** : 30 Apr 2024  
**Unique Number** : 5773504 **Diagnosed** : 30 Apr 2024 - Wes Davis  
**Test Package** : MOB 1

**STRONGCO EQUIPMENT (CE)**  
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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.