



# CONSTRUCTION EQUIPMENT

## 127400 VOLVO A40F 11510 - HYDRAULIC SYSTEM



**Sample No:** VCP341063

**Oil Type:** SAE 10W

**Job No:** 127400



### SAMPLE INFORMATION

Sample Number	<b>VCP341063</b>	VCP147639	---	---
Sample Date	<b>02 Feb 2022</b>	08 May 2019	---	---
Machine Hours	<b>12725</b>	8125	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	N/A	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

### ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
 Contact: JIM STRIGLE  
 JIM.STRIGLE@ALTG.COM  
 T: (315)437-2611  
 F: (315)434-9471



### OIL CONDITION

Visc @ 40°C	cSt	<b>65.7</b>	61.8	---	---
Acid Number (AN)	mg KOH/g	<b>0.35</b>	0.260	---	---



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Particles >4µm		<b>11356</b>	6463	---	---
Particles >6µm		<b>511</b>	1241	---	---
Particles >14µm		<b>21</b>	42	---	---
ISO 4406:1999 (c)		<b>21/16/12</b>	20/17/13	---	---
Silicon	ppm	<b>8</b>	9	---	---
Sodium	ppm	<b>2</b>	3	---	---
Potassium	ppm	<b>0</b>	<1	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



### WEAR METALS

Iron	ppm	<b>5</b>	5	---	---
Copper	ppm	<b>2</b>	3	---	---
Lead	ppm	<b>&lt;1</b>	<1	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>5</b>	4	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>5</b>	4	---	---
Nickel	ppm	<b>0</b>	<1	---	---
Titanium	ppm	<b>&lt;1</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>&lt;1</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>213</b>	221	---	---
Magnesium	ppm	<b>22</b>	15	---	---
Zinc	ppm	<b>386</b>	351	---	---
Phosphorus	ppm	<b>338</b>	303	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>8</b>	8	---	---

**Depot:** VOLV00142  
**Unique No:** 9840373  
**Signed:** Angela Borella  
**Report Date:** 08 Feb 2022

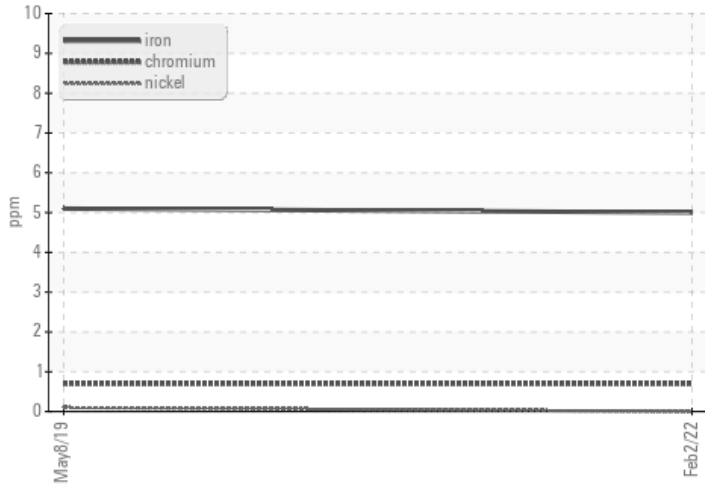


# CONSTRUCTION EQUIPMENT

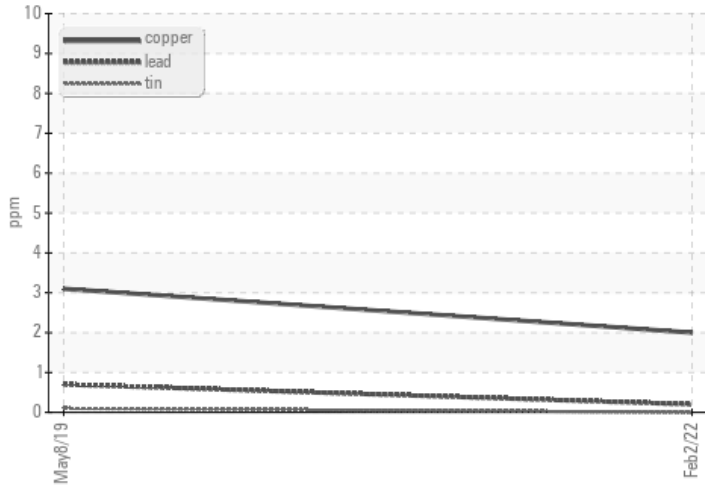


## VOLVO GRAPHS

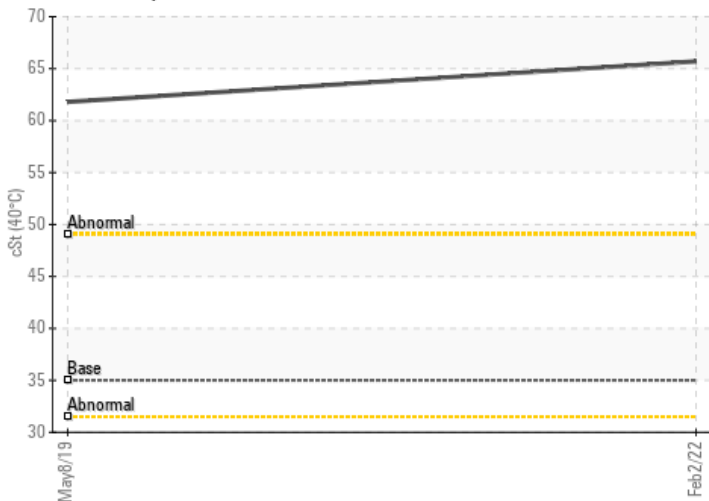
### Ferrous Alloys



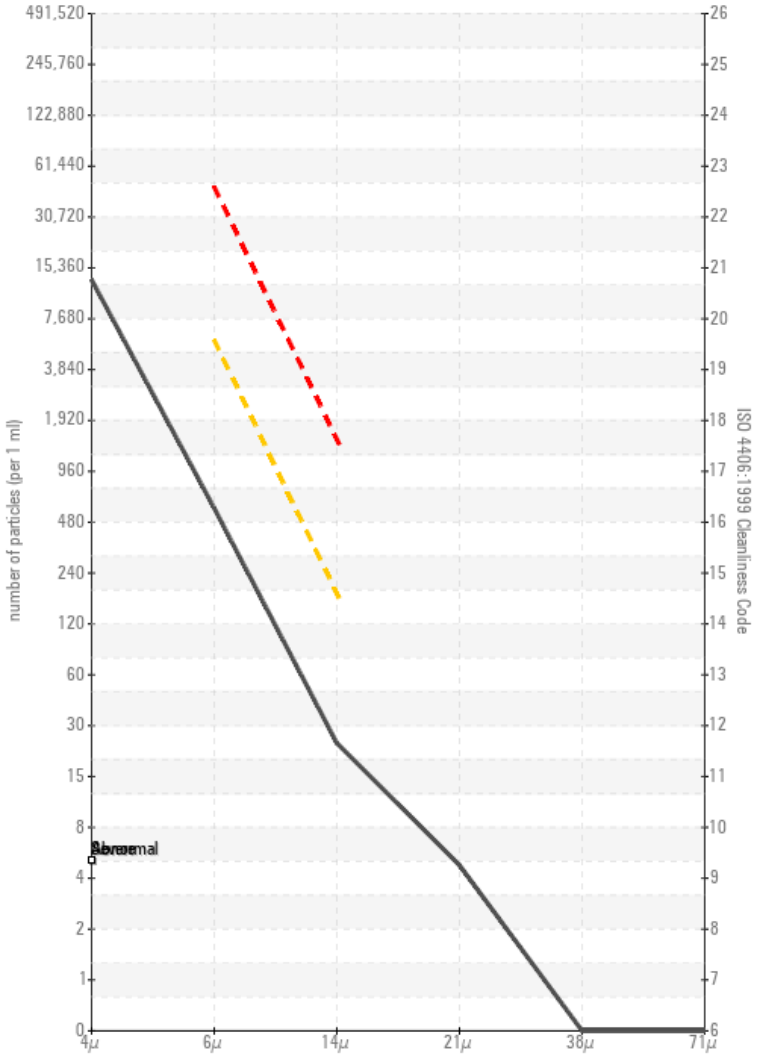
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

