



# CONSTRUCTION EQUIPMENT

## 127400 VOLVO A40F 11510 - DROP BOX



**Sample No:** VCP341028  
**Oil Type:** SAE 85W140  
**Job No:** 127400



### SAMPLE INFORMATION

Sample Number	VCP341028	VCP147776	---	---
Sample Date	03 Feb 2022	08 May 2019	---	---
Machine Hours	12725	8125	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ATTENTION	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	99.7	50.9	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	<1	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	2	0	---	---



### WEAR METALS

Iron	ppm	4	46	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	<1	1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	6	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	33	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	<1	---	---



### ADDITIVES

Calcium	ppm	1559	7	---	---
Magnesium	ppm	433	<1	---	---
Zinc	ppm	999	17	---	---
Phosphorus	ppm	859	2340	---	---
Barium	ppm	0	0	---	---
Boron	ppm	80	257	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil.

**Depot:** VOLV00142  
**Unique No:** 9840917  
**Signed:** Don Baldrige  
**Report Date:** 09 Feb 2022



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## GRAPHS

