

## CONSTRUCTION EQUIPMENT VOLVO A40F 11510 - FRONT AXLE



Sample No: V

: VCP341034

Oil Type: GEAR OIL SAE 80W90

Job No:

Phosphorus

Barium

Boron

ppm

ppm

ppm

SAMPLE	<b>INFORMATION</b>			
Sample Number		VCP341034	VCP147638	 
Sample Date		02 Feb 2022	08 May 2019	 
Machine Hours		12725	11510	 
Oil Hours		0	0	 
Oil Changed		Changed	Not Changd	 
Sample Status		ATTENTION	NORMAL	 
OIL CON	DITION			
Visc @ 40°C	cSt	52.8	52.0	 
VISC @ 40 C	CSI	J2.0	52.0	 
VOLVO				 
CONTAN	AINATION			
Water	%	NEG	NEG	 
Silicon	ppm	<b>1</b>	1	 
Sodium	ppm	2	2	 
Potassium	ppm	0	9	 
WEAR N	METALS			
Iron	ppm	8	19	 
Copper	ppm	<b>□</b> <1	<b></b> <1	 
Lead	ppm	0	<b></b> < 1	 
Tin	ppm	0	0	 
Aluminum	ppm	<b>  </b> <1	<b></b> < 1	 
Chromium	ppm	0	<b></b> <1	 
Molybdenum	ppm	<b>  </b> <1	0	 
Nickel	ppm	0	<b></b> <1	 
Titanium	ppm	0	<1	 
Silver	ppm	0	<1	 
Manganese	ppm	<b></b> <1	<1	 
Vanadium	ppm	0	<1	 
	/ES			
Calcium	ppm	27	17	 
Magnesium	ppm	7	<1	 
Zinc	ppm	<b>1</b> 9	24	 

2383

283

0



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

## 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. Confirm oil type.

Depot:	VOLVO0142		
Unique No:	9840918		
Signed:	Don Baldridge		
Report Date:	09 Feb 2022		

2539

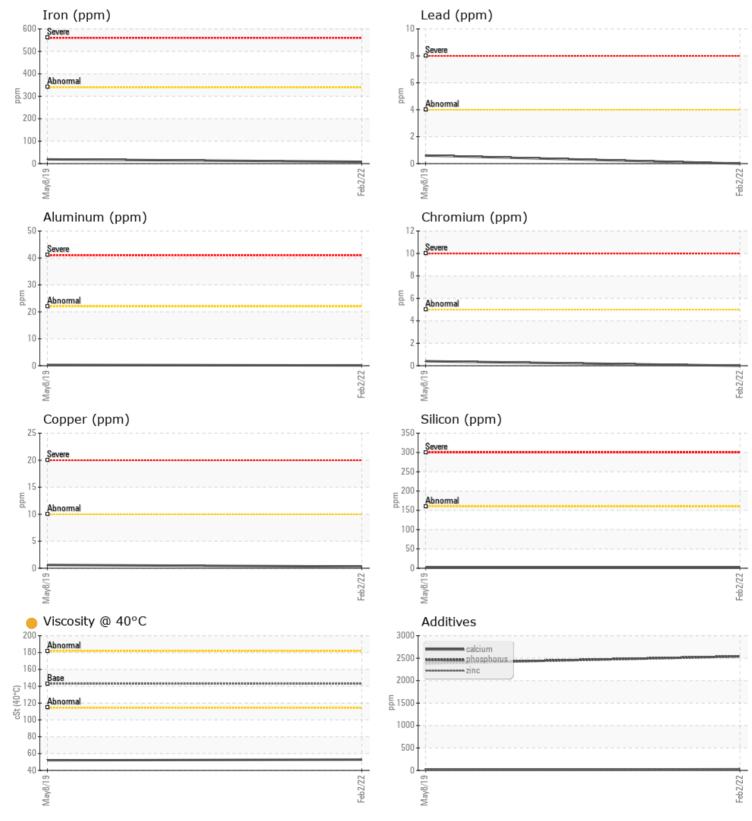
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0142 [WUSCAR] 05461722 (Generated: 03/25/2024 14:13:42) Rev: 1

Contact/Location: JIM STRIGLE - VOLVO0142