

# **CONSTRUCTION EQUIPMENT** VOLVO A40G 342660 - FRONT AXLE



## Sample No: VCP0007794

Oil Type:

### VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

Phosphorus

Barium

Boron

ppm

ppm

ppm

VOLVO				 
SAMPLI	E INFORMATION	] 		 
Sample Number		VCP0007794	VCP414761	 
Sample Date		29 Mar 2024	16 Aug 2023	 
Machine Hours		5381	4876	 
Oil Hours		5381	1000	 
Oil Changed		N/A	Not Changd	 
Sample Status		ATTENTION	ATTENTION	 
OIL CON				
Visc @ 40°C	cSt	85.4	67.4	 
VISC @ 40 C	CSL	05.4	07.4	 
VOLVO				 
Contai	MINATION			
Water	%	NEG	NEG	 
Silicon	ppm	<b>□</b> 7	9	 
Sodium	ppm	2	2	 
Potassium	ppm	0	3	 
WEAR I	AFTAIS			
		_ /		
Iron	ppm	155	306	 
Copper	ppm	<b>1</b>	□ <1	 
Lead	ppm	0	0	 
Tin	ppm		0	 
Aluminum	ppm	<b>■</b> <1	□ <1	 
Chromium	ppm	2	6	 
Molybdenum	ppm	37	67	 
Nickel	ppm	0	□ <1	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	4	7	 
Vanadium	ppm	0	0	 
VOLVO				
ADDITI	VES			
Calcium	ppm	742	1157	 
Magnesium	ppm	453	856	 
Zinc	ppm	689	1168	 
Zinc Dhaardhamra	221	- 1120	1171	

1171

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117



#### ALTA EQUIPMENT COMPANY

3750 PHILIPS HWY ACKSONVILLE, FL JS 32256 Contact: SHAWN NORTHCRAFT shawn.northcraft@altg.com F: (904)737-6000 F: (904)737-1260

# Diagnosis

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. Confirm oil type.

 Depot:
 VOLVO0092

 Unique No:
 10962582

 Signed:
 Sean Felton

 Report Date:
 05 Apr 2024

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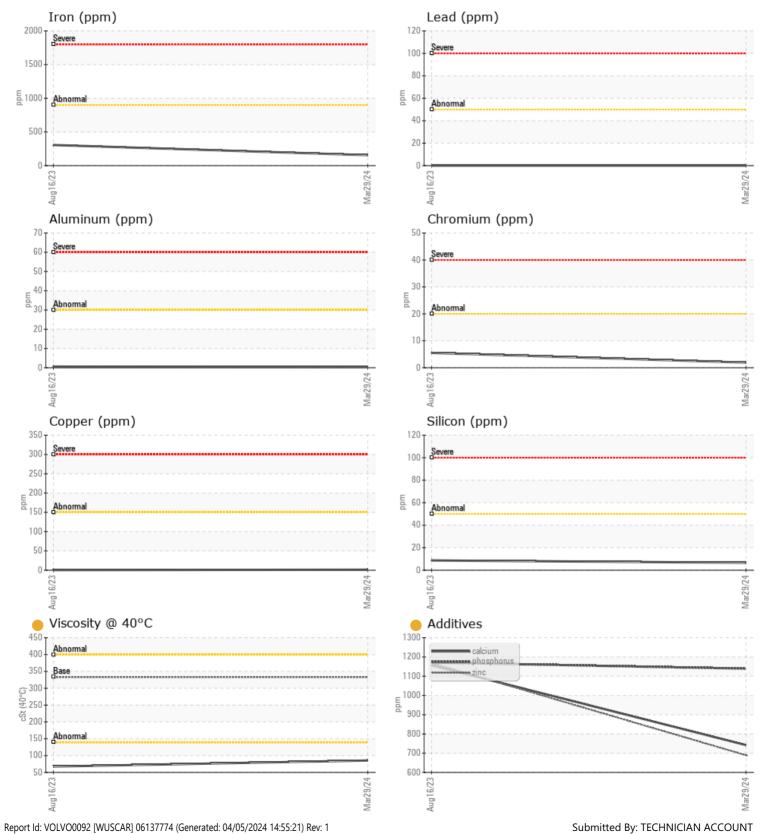
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# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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