

CONSTRUCTION EQUIPMENT VOLVO A40G 352489 - BOGIE/CENTER AXLE



Sample No: VCP436204

Oil Type:	
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VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

Magnesium

Phosphorus

Zinc

Barium

Boron

ppm

ppm

ppm

ppm

ppm

VOLVO				
	INFORMATION		NCD244041	
Sample Number		VCP436204	VCP344041	
Sample Date		13 Dec 2023	04 Nov 2021	
Machine Hours		6270 0	2129	
Oil Hours			0 N/A	
Oil Changed		Changed ABNORMAL	ATTENTION	
Sample Status		ADNOKIVIAL	ATTENTION	
VOLVO				
VIL CON	DITION			
Visc @ 40°C	cSt	43.5	5 1.7	
	MINATION			
Water	%	NEG	NEG	
Silicon	ppm	<u> </u>	24	
Sodium	ppm	6	1	
Potassium	ppm		3	
VOLVO				
🤍 WEAR N	METALS			
Iron	ppm	231	458	
Copper	ppm	4	8	
Lead	ppm	1	0	
Tin	ppm	0	<1	
Aluminum	ppm	1 0	11	
Chromium	ppm	3	6	
Molybdenum	ppm	4	7	
Nickel	ppm	1	2	
Titanium	ppm	<1	<1	
Silver	ppm	0	1	
Manganese	ppm	4	18	
Vanadium	ppm	<1	<1	
	/FS			
Calcium		▲ 3513	— 104	
	ppm	- 5515	104	

5

22

0

148

2709



ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

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. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot:	VOLVO0090
Unique No:	10796045
Signed:	Jonathan Hester
Report Date:	22 Dec 2023

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0

158

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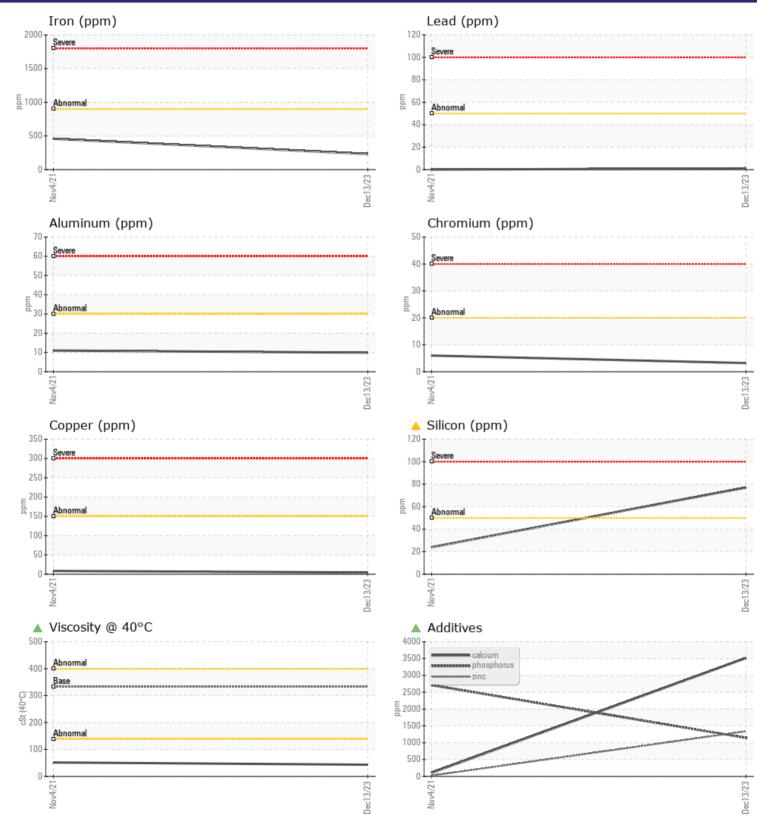
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06040816 (Generated: 12/22/2023 12:33:16) Rev: 1

Contact/Location: TODD LARK - VOLVO0090