

## CONSTRUCTION EQUIPMENT VOLVO A40G 352785 - FRONT AXLE



### Sample No: VCP441087

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

#### Job No:

	E INFORMATION			
Sample Number		VCP441087	VCP312604	 
Sample Date		19 Jan 2024	28 Dec 2021	 
Machine Hours		4101	1133	 
Oil Hours		0	0	 
Oil Changed		Changed	Changed	 
Sample Status		ATTENTION	NORMAL	 
OIL CON	DITION			
Visc @ 40°C	cSt	<b>41.7</b>	50.3	 
CONTAN	MINATION			
Water	%	NEG	NEG	 
Silicon	ppm	24	9	 
Sodium	ppm	8	2	 
Potassium	ppm	8	6	 
WEAR N	METALS			
Iron	ppm	633	567	 
Copper	ppm	<b>4</b>	2	 
Lead	ppm	<b></b> <1	<b></b> < 1	 
Tin	ppm	0	0	 
Aluminum	ppm	2	2	 
Chromium	ppm	<b>10</b>	8	 
Molybdenum	ppm	<b>1</b> 0	9	 
Nickel	ppm	<b>4</b>	2	 
Titanium	ppm	<1	<1	 
Silver	ppm	0	0	 
Manganese	ppm	<b>1</b> 8	19	 
Vanadium	ppm	<1	<1	 
VOLVO				 
	VES			
Calcium	maa	<b>4275</b>	21	 

Calcium	ppm	<b>4275</b>	21	 
Magnesium	ppm	20	2	 
Zinc	ppm	<b>1775</b>	□11	 
Phosphorus	ppm	<b>1529</b>	2297	 
Barium	ppm	0	0	 
Boron	ppm	229	286	 



#### 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. 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.

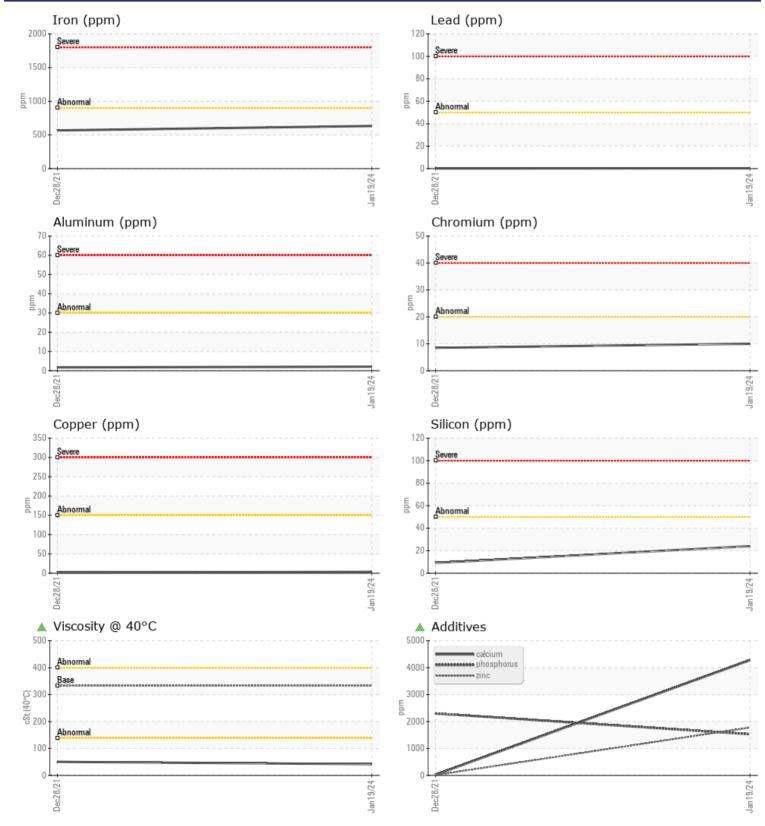
Depot:	VOLVO0090
Unique No:	10847417
Signed:	Don Baldridge
Report Date:	28 Jan 2024

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06070740 (Generated: 01/28/2024 13:53:11) Rev: 1

Contact/Location: TODD LARK - VOLVO0090