CONSTRUCTION EQUIPMENT 456125-30 VOLVO A45G 342711 - REAR AXLE



## Sample No: VCP454849

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	456125-30

### SAMPLE INFORMATION

Sample Number		VCP454849	VCP446554			
Sample Date		13 May 2024	06 May 2024			
Machine Hours		6298	4486			
Oil Hours		0	0			
Oil Changed		Changed	Not Changd			
Sample Status		ABNORMAL	NORMAL			
OIL CON						
				-	-	
Visc @ 40°C	cSt	303	301			
VOLVO						
CONTAM	INATION					
Water	%	NEG	NEG			
Silicon	ppm	<b>6</b> 0	14			
Sodium	ppm	■<1	0			
Potassium	ppm		□ <1			
WEAR M	ετλί ς					
<u> </u>						
Iron	ppm	457	145			
Copper	ppm	<b>10</b>	2			
Lead	ppm	0	0			
Tin	ppm	0	<1			
Aluminum	ppm	4	<1			
Chromium	ppm	<b>4</b>	2			
Molybdenum	ppm	<b>11</b>	9			
Nickel	ppm	0	0			
Titanium	ppm	0	0			
Silver	ppm	0	0			
Manganese	ppm	<b>1</b> 0	3			
Vanadium	ppm	0	0			

Calcium	ppm	90	116	 
Magnesium	ppm	<b>1</b> 3	13	 
Zinc	ppm	75	69	 
Phosphorus	ppm	997	1020	 
Barium	ppm	<b> </b> <1	<1	 
Boron	ppm	<b>147</b>	184	 



#### ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL US 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 F: (954)583-0318

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO0095

 Unique No:
 11031759

 Signed:
 Don Baldridge

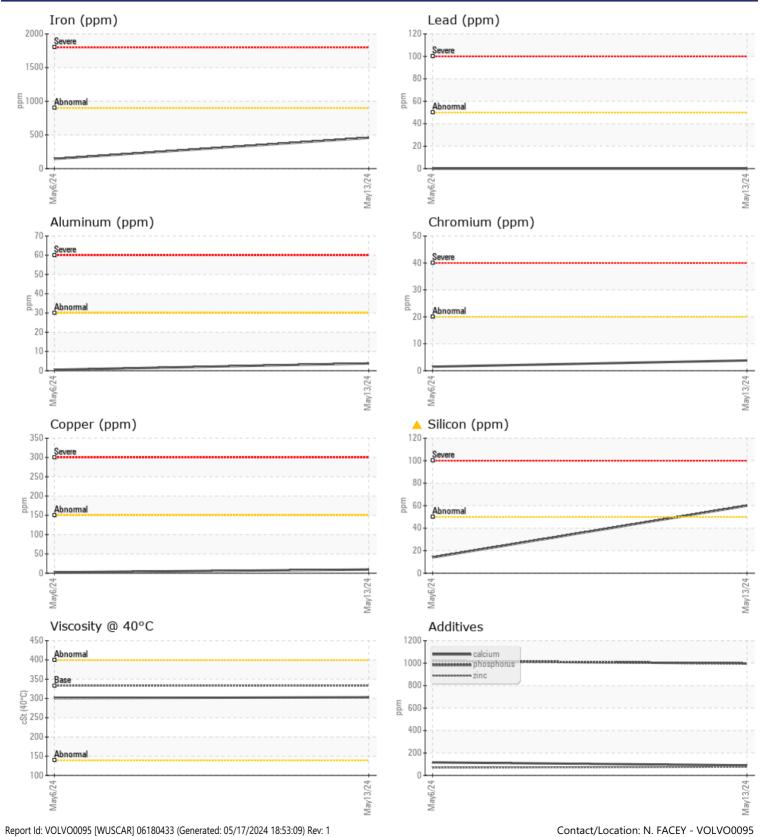
 Report Date:
 17 May 2024

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Page 2 of 2