

CONSTRUCTION EQUIPMENT VOLVO A40G 352412 - DROP BOX



Sample No: VCP434479

Oil Type:

VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

	INFORMATION			
Sample Number		VCP434479	VCP312598	
Sample Date		03 Nov 2023	24 Nov 2021	
Machine Hours		4381	2279	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		ABNORMAL	ATTENTION	
OIL CON	DITION			
Visc @ 40°C	cSt	50.0	▲ 50.8	
VOLVO				
	AINATION			
Silicon	ppm	<mark>▲</mark> 56	4	
Sodium	ppm	8	2	
Potassium	ppm	3	11	
VOLVO				
WEAR N	METALS			
Iron	ppm	335	174	
Copper	ppm	<u> </u>	4	
Lead	ppm	□<1	1	
Tin	ppm	□ <1	0	
Aluminum	ppm	1	0	
Chromium	ppm	4	2	
Molybdenum	ppm	28	0	
Nickel	ppm	2	1	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	9	12	
Vanadium	ppm	0	0	
	/ES			
Calcium	ppm	54	6	
Magnesium	ppm	6	0	
Zinc	ppm	148	10	
Phosphorus	ppm	2214	2405	
Barium	ppm	0	0	
Boron	ppm	113	189	



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

Oil and filter 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.The copper level is abnormal. All other component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. Confirm oil type. The condition of the oil is acceptable for the time in service.

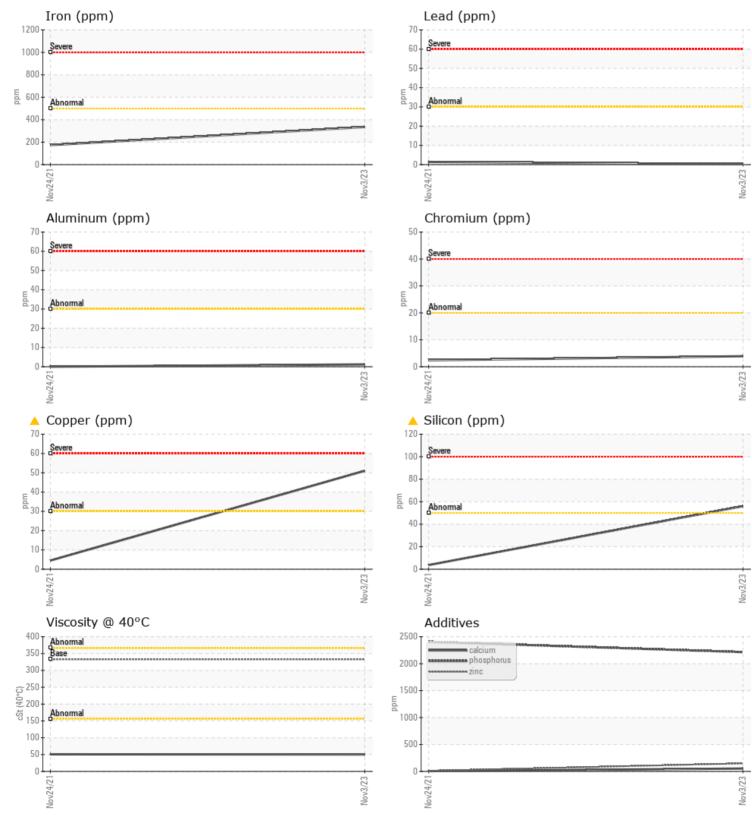
Depot:	VOLVO0090		
Unique No:	10737605		
Signed:	Sean Felton		
Report Date:	14 Nov 2023		

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06003843 (Generated: 11/14/2023 14:45:55) Rev: 1

Contact/Location: TODD LARK - VOLVO0090