CONSTRUCTION EQUIPMENT 407603 VOLVO EC480 3 14580 - REAR LEFT FINAL DRIVE

Sample No:	VCP420592		
Oil Type:	GEAR OIL SAE 85W140		
Job No:	407603		

SAMPLE INFORMATION

VOLVO

	NF UKMA HUN			
Sample Number		VCP420592	VCP344113	
Sample Date		29 Nov 2023	20 Jan 2022	
Machine Hours		4524	0	
Oil Hours		2000	0	
Oil Changed		Changed	Changed	
Sample Status		ABNORMAL	NORMAL	
OIL CONDI	ITION			
Visc @ 40°C	cSt	297	177	
CONTAMI	NATION			
Water	%	0.453	NEG	
Silicon	ppm	333	27	
Sodium	ppm	3	0	
Potassium	ppm	4	2	
WEAR ME	TALS			
Iron	ppm	<u> </u>	781	
Copper	ppm	9	 <1	
Lead	ppm	0	0	
Tin	ppm	0	□ <1	
Aluminum	ppm	27	9	
Chromium	ppm	<u> </u>	13	
Molybdenum	ppm	11	2	
Nickel	ppm	∎4	□ <1	
Titanium	ppm	2	□ <1	
Silver	ppm	0	<1	
Manganese	ppm	38	9	
Vanadium	ppm	<1	<1	



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.Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

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ADDITIVES					
Calcium	ppm	714	127		
Magnesium	ppm	23	33		
Zinc	ppm	65	40		
Phosphorus	ppm	653	217		
Barium	ppm	2	2		
Boron	ppm	95	5		

 Depot:
 VOLV0090

 Unique No:
 10767715

 Signed:
 Angela Borella

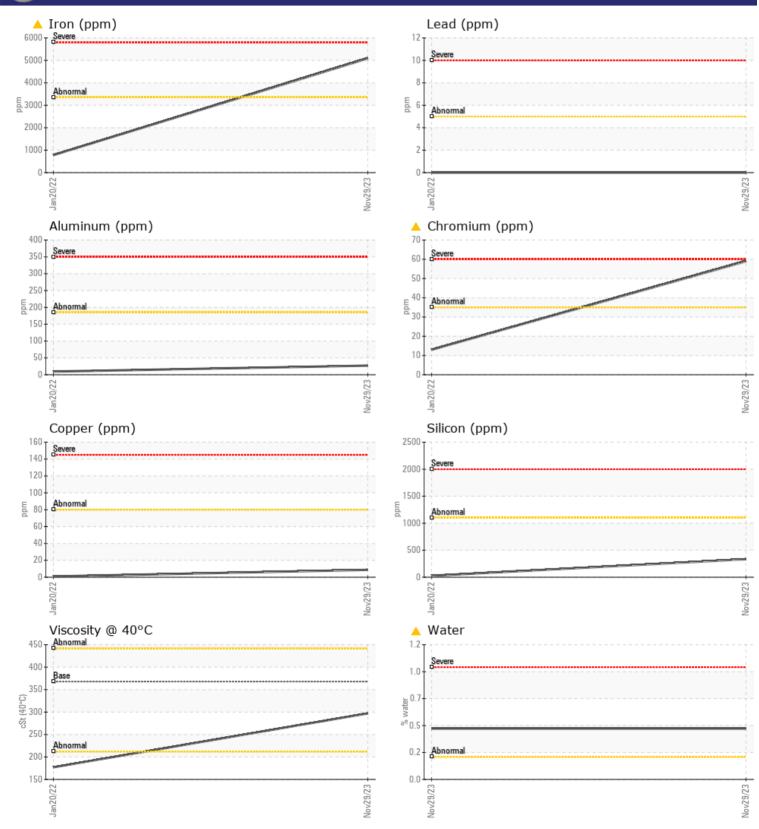
 Report Date:
 05 Dec 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06023215 (Generated: 12/05/2023 14:29:56) Rev: 1

Contact/Location: TODD LARK - VOLVO0090