CONSTRUCTION EQUIPMENT SPM621717 VOLVO EC480E 315179 - RIGHT FINAL DRIVE

Sample No:	VCP409253	
Oil Type:	GEAR OIL SAE 80W90	
Job No:	SPM621717	

SAMPLE INFORMATION

Silver

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

VOLVO

Sample Number	-	VCP409253	VCP407222			
Sample Date		10 Nov 2023	27 Jul 2023			
Machine Hours		1086	615			
Oil Hours		0	0			
Oil Changed		Changed	Not Changd			
Sample Status		NORMAL	NORMAL			
Visc @ 40°C	cSt	160	172			
CONTAMINATION						
Water	%	NEG	NEG			
Silicon	ppm	10	9			
Sodium	ppm	11	1			
Potassium	ppm	3	1			
WEAR METALS						
Iron	ppm	171	215			
Copper	ppm	□ <1	□ <1			
Lead	ppm	0	0			
Tin	ppm	0	0			
Aluminum	ppm	2	< 1			
Chromium	ppm	5	3			
Molybdenum	ppm	 <1	 < 1			
Nickel	ppm	 <1	 <1			
Titanium	ppm	□ <1	<1			

4

0

31

2

13

303

4

0



SIMS METAL MANAGEMENT

2500 S. PAULINA CHICAGO, IL US 60608 Contact: RYAN WISE ryan.wise@simsmm.com T: F:

Diagnosis

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 condition of the oil is acceptable for the time in service.

Depot:	SIMCHIIL
Unique No:	10767292
Signed:	Sean Felton
Report Date:	05 Dec 2023

0

0

55

2

11

297

4

0

5

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm

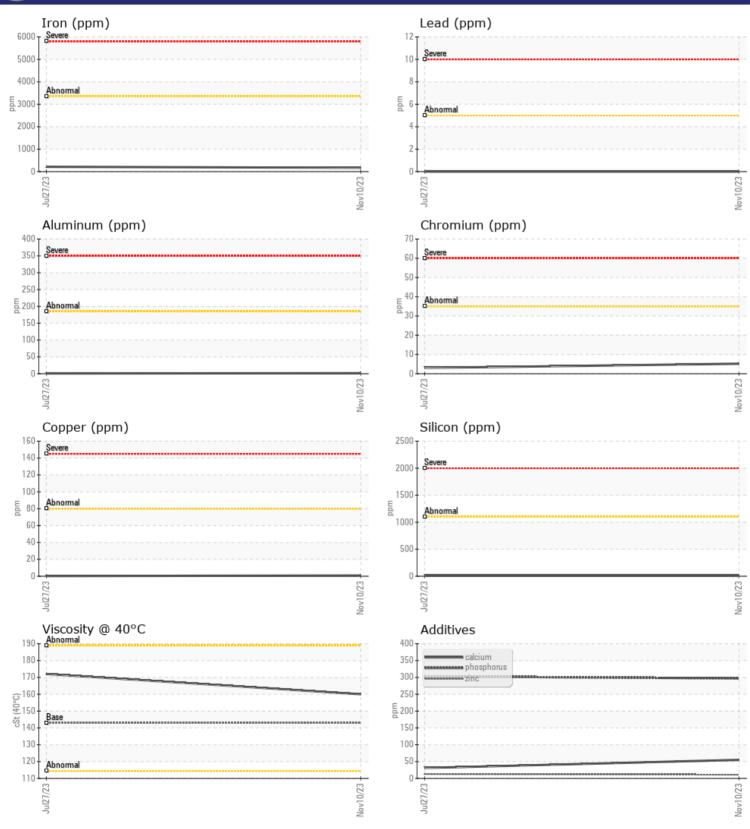
ADDITIVES

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SIMCHIIL [WUSCAR] 06022792 (Generated: 12/05/2023 11:59:34) Rev: 1

Contact/Location: RYAN WISE - SIMCHIIL