CONSTRUCTION EQUIPMENT SPM579512 VOLVO EC480E 314792 - LEFT FINAL DRIVE

Sample No:	VCP409267
Oil Type:	GEAR OIL SAE 80W90
Job No:	SPM579512

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP409267	VCP404071			
Sample Date		07 Jul 2023	21 Apr 2023			
Machine Hours		2503	1993			
Oil Hours		0	0			
Oil Changed		Not Changd	Changed			
Sample Status		NORMAL	NORMAL			
VOLVO OIL CONDITION						
Visc @ 40°C	cSt	188	185			
CONTAMINATION						
Silicon	ppm	41	40			
Sodium	ppm	2	1			
Potassium	ppm	0	<1			

WEAD	METALS			
WEAR I	METALS			
Iron	ppm	🔳 198	256	
Copper	ppm	 <1	0	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	6	9	
Chromium	ppm	3	4	
Molybdenum	ppm	3	2	
Nickel	ppm	0	0	
Titanium	ppm	 <1	 < 1	
Silver	ppm	0	0	
Manganese	ppm	3	4	
Vanadium	ppm	<1	0	

ADDITIVES 2941 Calcium 2509 ppm Magnesium 81 45 ppm Zinc **1063** 830 ppm Phosphorus 870 748 ppm Barium 0 🔲 0 ppm Boron ppm **10** 2



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.

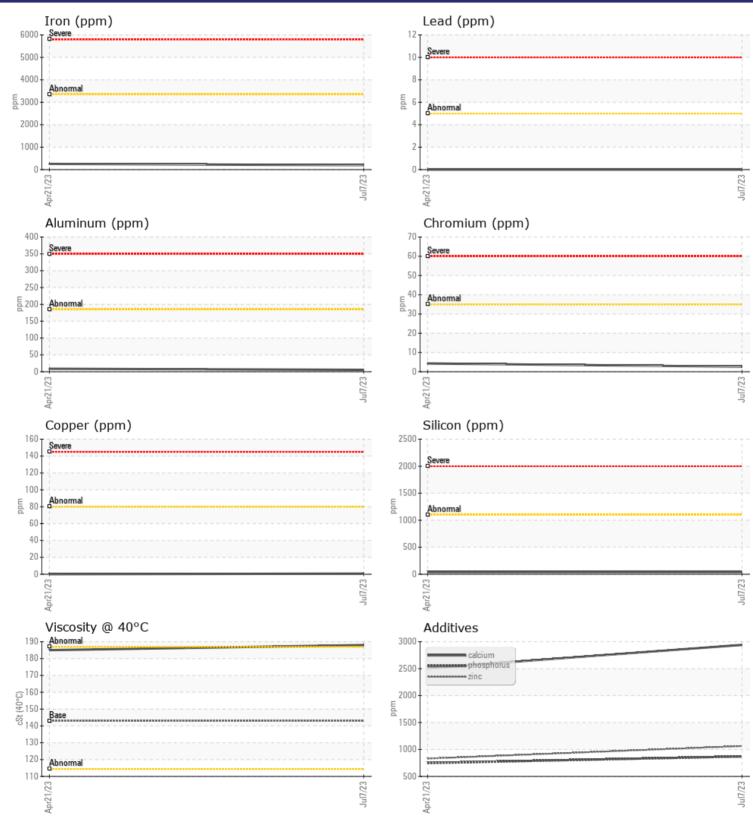
Depot:	SIMCHIIL
Unique No:	10560803
Signed:	Don Baldridge
Report Date:	18 Jul 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: RYAN WISE - SIMCHIIL