CONSTRUCTION EQUIPMENT RSO-038391 HITACHI 060320 - REAR LEFT FINAL DRIVE

Sample No:	VCP443962
Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	RSO-038391

SAMPLE INFORMATION

VOLVO

Sample Number		VCP443962	VCP447622		
Sample Date		20 Jun 2024	10 May 2024		
Machine Hours		530	270		
Oil Hours		0	0		
Oil Changed		Not Changd	Changed		
Sample Status		NORMAL	NORMAL		
OIL CON	DITION				
Visc @ 40°C	cSt	268	186		
	MINATION				
		NEC	NEC	_	
Water	%	NEG	NEG		
Silicon Sodium	ppm	1 1	22		
	ppm	∎1	2		
Potassium	ppm	0	4		
VOLVO					
WEAR I	METALS				
Iron	ppm	47	94		
Copper	ppm		 <1		
Lead	ppm	0	0		
Tin	ppm	0	0		
Aluminum	ppm	0	0		
Chromium	ppm	1	4		
Molybdenum	ppm	4	0		
Nickel	ppm	0	0		
Titanium	ppm	0	0		
Silver	ppm	0	0		
Manganese	ppm	2	7		
Vanadium	ppm	0	<1		

ADDITIVES							
Calcium	ppm	201	16				
Magnesium	ppm	29	0				
Zinc	ppm	118	7				
Phosphorus	ppm	861	566				
Barium	ppm	1	1				
Boron	ppm	135	110				



SAIIA CONSTRUCTION LLC

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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.

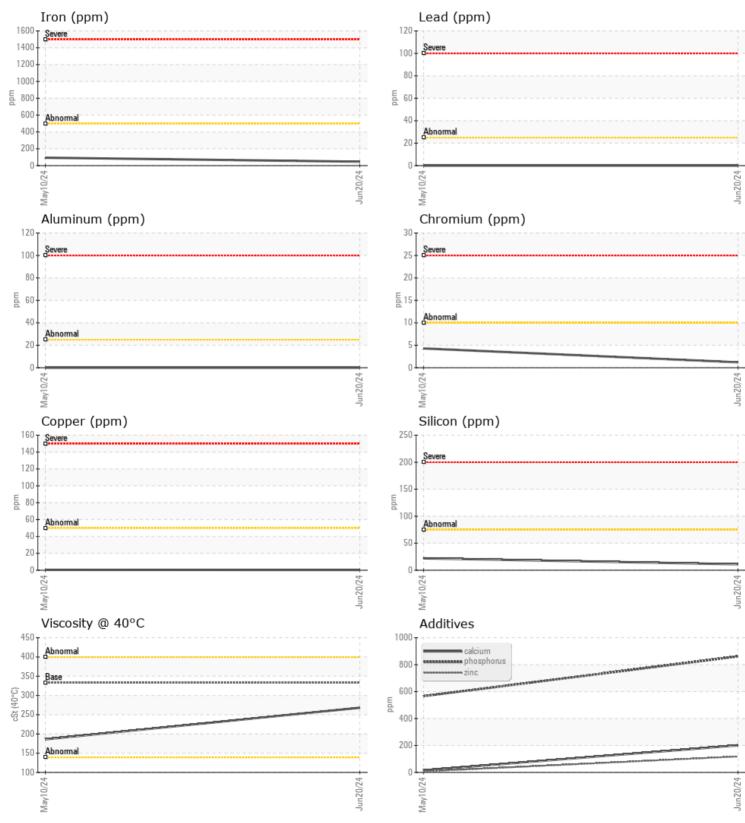
Depot:SAIBIRUnique No:11099797Signed:Angela BorellaReport Date:28 Jun 2024Contact/Location: STEPHANI BRITTON - SAIBIR

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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