CONSTRUCTION EQUIPMENT STANLEY VOLVO ECR145E 314461 - REAR LEFT FINAL DRIVE

Sample No:	VCP447905		
Oil Type:	GEAR OIL SAE 85W90		
Job No:	STANLEY		

SAMPLE INFORMATION

VOLVO

Sample Number		VCP447905	VCP310000	
Sample Date		17 Jan 2024	14 Apr 2021	
Machine Hours		1919	471	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		ATTENTION	ABNORMAL	
OIL COND				
			<u>.</u>	
Visc @ 40°C	cSt	50.3	141	
VOLVO				
CONTAM	INATION			
Water	%	NEG	NEG	
Silicon	ppm	16	14	
Sodium	ppm	4	8	
Potassium	ppm	0	□ <1	
	pp			
VOLVO				
VEAR M	FIALS			
Iron	ppm	197	386	
Copper	ppm	■ <1	<1	
Lead	ppm	0	< 1	
Tin	ppm	12	▲ 35	
Aluminum	ppm	3	3	
Chromium	ppm	4	8	
Molybdenum	ppm	0	< 1	
Nickel	ppm	□ <1	<1	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	3	8	
Vanadium	ppm	<1	0	



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND

1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KYLE RATLIFFE KRATLIFFE@MCCLUNG-LOGAN.COM T: F: (804)266-1611

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

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ADDITIVES					
Calcium	ppm	1 0	31		
Magnesium	ppm	0	 <1		
Zinc	ppm	1 9	42		
Phosphorus	ppm	2256	565		
Barium	ppm	0	2		
Boron	ppm	200	8		

Depot: VOLV08882 Unique No: 10844638 Signed: Don Baldridge Report Date: 24 Jan 2024

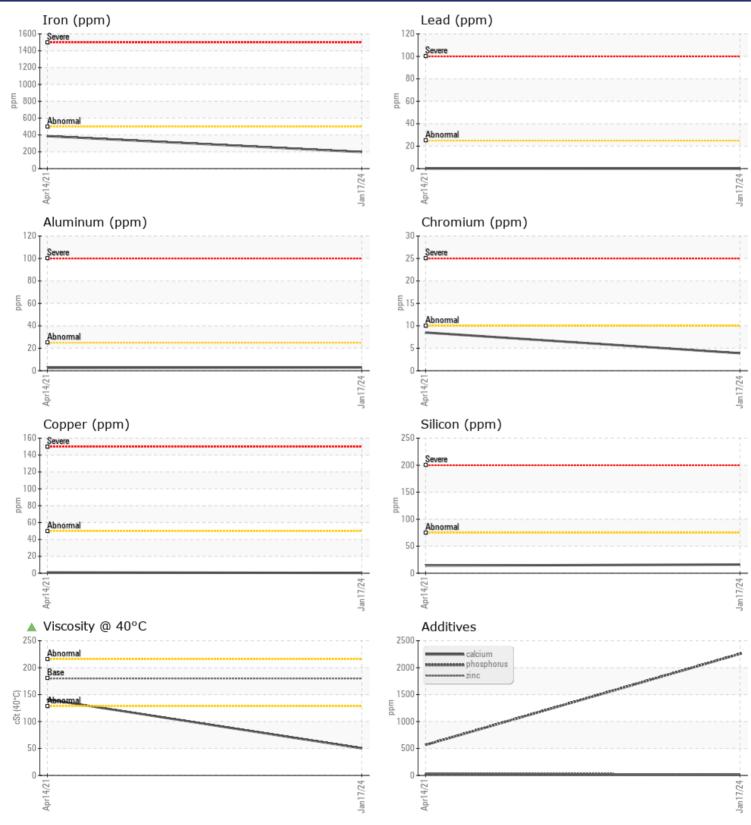
Contact/Location: KYLE RATLIFFE - VOLVO8882

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8882 [WUSCAR] 06067961 (Generated: 01/24/2024 15:46:49) Rev: 1

Contact/Location: KYLE RATLIFFE - VOLVO8882