CONSTRUCTION EQUIPMENT 32383 VOLVO ECR58D 210750 - REAR LEFT FINAL DRIVE

Sample No:	VCP446928
Oil Type:	GEAR OIL SAE 80W90
Job No:	32383

SAMPLE INFORMATION

VOLVO

	. INFURMATIU	N		
Sample Number		VCP446928	 	
Sample Date		03 Apr 2024	 	
Machine Hours		2890	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ATTENTION	 	
OIL CON				
Visc @ 40°C	cSt	<mark>)</mark> 89.4	 	
VOLVO				
CONTAM	INATION			
Water	%	NEG	 	
Silicon	ppm	26	 	
Sodium	ppm	2	 	
Potassium	ppm	4	 	
VOLVO				
WEAR M	IETALS			
Iron	ppm	466	 	
Copper	ppm	8	 	
Lead	ppm	□ <1	 	
Tin	ppm	□ <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	1 3	 	
Molybdenum	ppm	1 7	 	
Nickel	ppm	2	 	
Titanium	ppm	2	 	
Silver	ppm	0	 	
Manganese	ppm	8	 	
Vanadium	ppm	<1	 	
ADDITIV	/ES			
Calcium	ppm	3953	 	

Calcium	ppm	3953	 	
Magnesium	ppm	11	 	
Zinc	ppm	784	 	
Phosphorus	ppm	626	 	
Barium	ppm	30	 	
Boron	ppm	15	 	



ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: JUSTIN BENCH JUSTIN.BENCH@ARNOLDMACHINERY.COM T: (801)698-5639 F: (801)975-9434

Diagnosis

No corrective action is recommended at this time. 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.

 Depot:
 VOLVO8770

 Unique No:
 10968179

 Signed:
 Jonathan Hester

 Report Date:
 12 Apr 2024

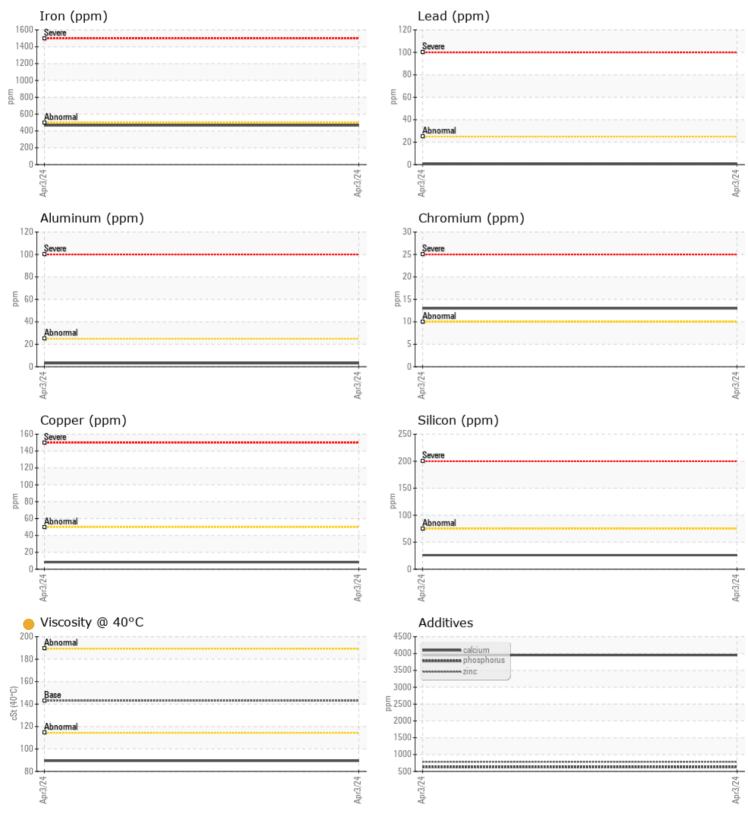
 Contact/Location: JUSTIN
 BENCH - VOLVO8770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: JUSTIN BENCH - VOLVO8770