CONSTRUCTION EQUIPMENT 39597 VOLVO L90H 626409 - DIESEL ENGINE



Sample No:VCP411540Oil Type:DIESEL ENGINE OIL SAE 40

39597

ppm

ppm

ppm

7

4

2

VOLVO

Job No:

SAMPLE INFORMATION

Sample Number		VCP411540	VCP368322	
Sample Date		28 Jun 2023	12 Dec 2022	
Machine Hours		1623	565	
Oil Hours		0	0	
Oil Changed		Changed	N/A	
Sample Status		NORMAL	NORMAL	
OIL CONDI	FION			
Visc @ 100°C	cSt	13.2	13.3	
Base Number (BN)	mg KOH/g	9.5	11.5	
Oxidation (PA)	%	91	83	
CONTAMIN	IATION			
Soot %	%	0.2	0.1	
Nitration (PA)	%	73	52	
Sulfation (PA)	%	63	66	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	



 215 - ASCENDUM MACHINERY INC - CAYCE 2303 AIRPORT BLVD
 CAYCE, SC
 US 29033
 Contact: ROBBY HERLONG robby.herlong@ascendummachinery.com
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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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Potassium

Silicon

Sodium

VOLVO				
	METALS			
Iron		19	15	
	ppm			
Copper	ppm	3	6	
Lead	ppm	0	< 1	
Tin	ppm	2	1	
Aluminum	ppm	8	26	
Chromium	ppm	3	3	
Molybdenum	ppm	■41	39	
Nickel	ppm		0	
Titanium	ppm	□<1	0	
Silver	ppm	0	 <1	
Manganese	ppm	1	2	
Vanadium	ppm	<1	0	

10

< 1

2

Vanadia

ADDITIVES						
Calcium	ppm	1850	1591			
Magnesium	ppm	533	477			
Zinc	ppm	1178	1055			
Phosphorus	ppm	938	875			
Barium	ppm	2	0			
Boron	ppm	24	54			

 Depot:
 VOLV0013

 Unique No:
 10546810

 Signed:
 Wes Davis

 Report Date:
 06 Jul 2023

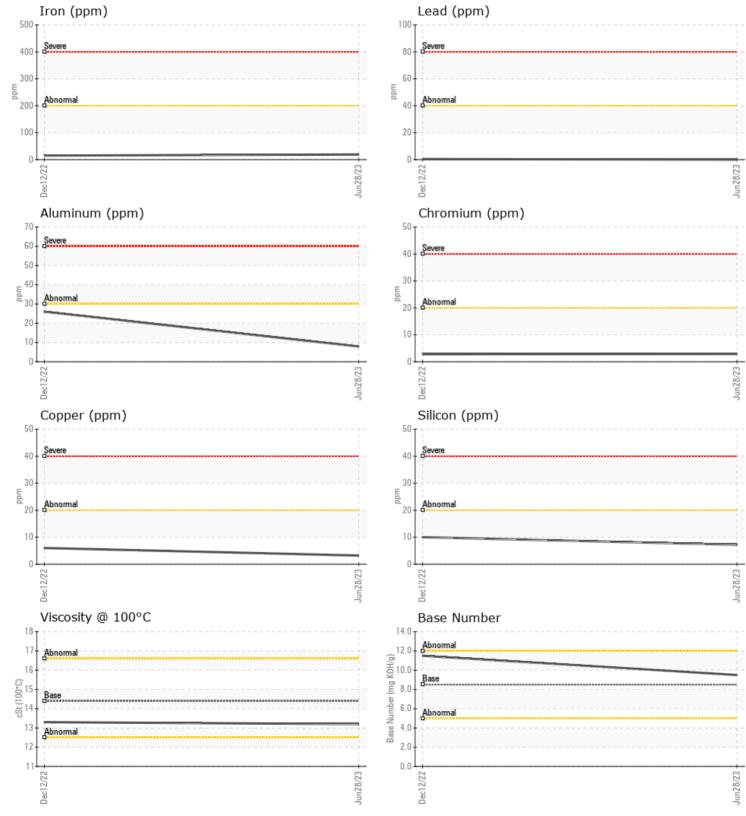
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: ROBBY HERLONG - VOLVO0013