

CONSTRUCTION EQUIPMENT VOLVO L120C 61910 - DIESEL ENGINE

15W40



Sample No: VCP409521

Oil Type:	DIESEL ENGINE OIL SAE

Job No:

VOLVO				
SAMPLE	E INFORMATION			
Sample Number	-	VCP409521	 	
Sample Date		25 Oct 2023	 	
Machine Hours		20792	 	
Oil Hours		30	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CON	IDITION			
Visc @ 100°C	cSt	13.0	 	
Base Number (BN		10.0	 	
Oxidation (PA)	%	53	 	
	70	55		
VOLVO				
CONTAN	MINATION			
Soot %	%	∎0.1	 	
Nitration (PA)	%	41	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	0.4	 	
Silicon	ppm	1 3	 	
Sodium	ppm	7	 	
Potassium	ppm	4	 	
WEAR N	METALS			
Iron			 	
	ppm	25		
Copper Lead	ppm	7 7	 	
Tin	ppm	2	 	
Aluminum	ppm	4	 	
Chromium	ppm ppm	■ 4 ■ <1	 	
Molybdenum	ppm	6 0	 	
Nickel	ppm	□ <1	 	
Titanium	ppm		 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	ppm	0	 	
	p p			
VOLVO			 	
V ADDITIN	VES			
Calcium	ppm	1119	 	
Magnesium	ppm	855	 	
Zinc	ppm	1191	 	
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FOGLIO INC

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Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. 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.

Report ld: FOGWAT [WUSCAR] 05993512 (Generated: 11/03/2023 15:10:39) Rev: 1

1024

20

6

ppm

ppm

ppm

Phosphorus

Barium

Boron

 Depot:
 FOGWAT

 Unique No:
 10716174

 Signed:
 Jonathan Hester

 Report Date:
 03 Nov 2023

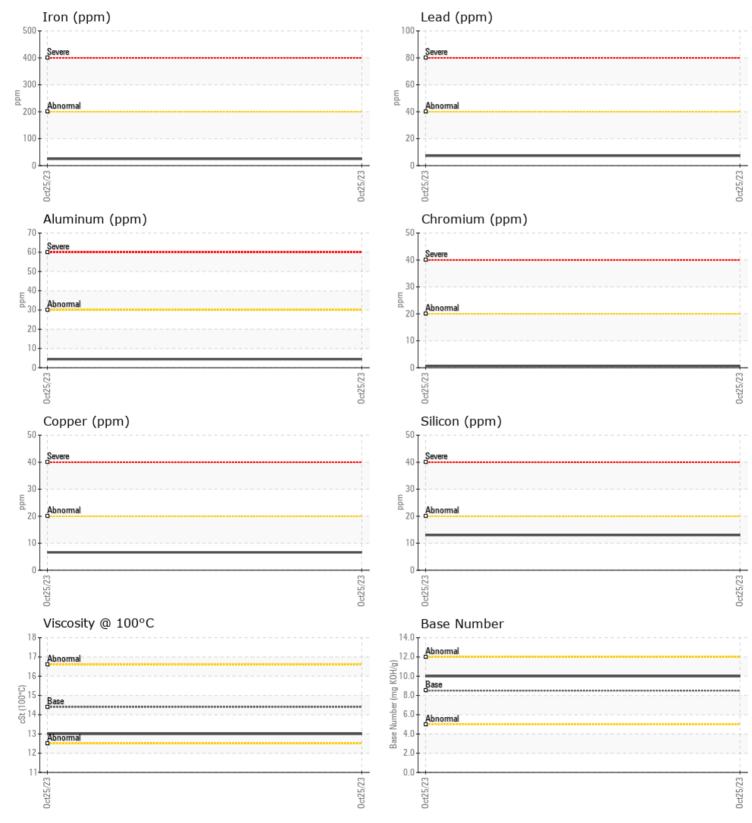
Contact/Location: NICK JORDAN - FOGWAT

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: FOGWAT [WUSCAR] 05993512 (Generated: 11/03/2023 15:10:42) Rev: 1

Contact/Location: NICK JORDAN - FOGWAT