

CONSTRUCTION EQUIPMENT VOLVO L120H 632841 - DIESEL ENGINE



Sample No: VCP0008146

Oil Type: DIESEL ENGINE OIL SAE 40

Job No:

	FORMATION			
Sample Number		VCP0008146	VCP303961	
Sample Date		25 Jan 2024	19 Mar 2021	
Machine Hours		8601	1036	
Oil Hours		7565	0	
Oil Changed		N/A	Changed	
Sample Status		NORMAL	NORMAL	
Sample Status		NORMAL	NORMAL	
VOLVO				
V OIL CONDI	-			
Visc @ 100°C	cSt	13.8	14.2	
Base Number (BN)	mg KOH/g	8.6		
Oxidation (PA)	%	55	65	
	ATION			
	%	NEC	NEG	
Water Soot %	%	NEG		
		0.2 59	■ 0.2 73	
Nitration (PA)	%			
Sulfation (PA)	%	51	59	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	4	□10	
Sodium	ppm	2	4	
Potassium	ppm	4	3	
VOLVO				
WEAR MET	TALS			
Iron	ppm	4	12	
Copper	ppm		8	
Lead	ppm	1	2	
Tin	ppm		1	
Aluminum	ppm	5	8	
Chromium	ppm		1	
Molybdenum	ppm	59	10	
Nickel	ppm	□ <1	<1	
Titanium	ppm	10	66	
Silver	ppm	0	<1	
Manganese	ppm	□ <1	<1	
Vanadium	ppm	<1	<1	
	PPIII	••		
	5			
Calcium	ppm	1294	1693	
Magnesium	ppm	633	426	
Zinc	ppm	1238	1161	
Phosphorus	ppm	1036	1007	
Barium	ppm	0	0	
Boron	ppm	4 9	113	



ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY JACKSONVILLE, FL US 32256 Contact: SHAWN NORTHCRAFT shawn.northcraft@altg.com T: (904)737-6000 F: (904)737-1260

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.

 Depot:
 VOLV00092

 Unique No:
 10857611

 Signed:
 Wes Davis

 Report Date:
 01 Feb 2024

Report Id: VOLVO0092 [WUSCAR] 06075520 (Generated: 02/01/2024 09:33:14) Rev: 1

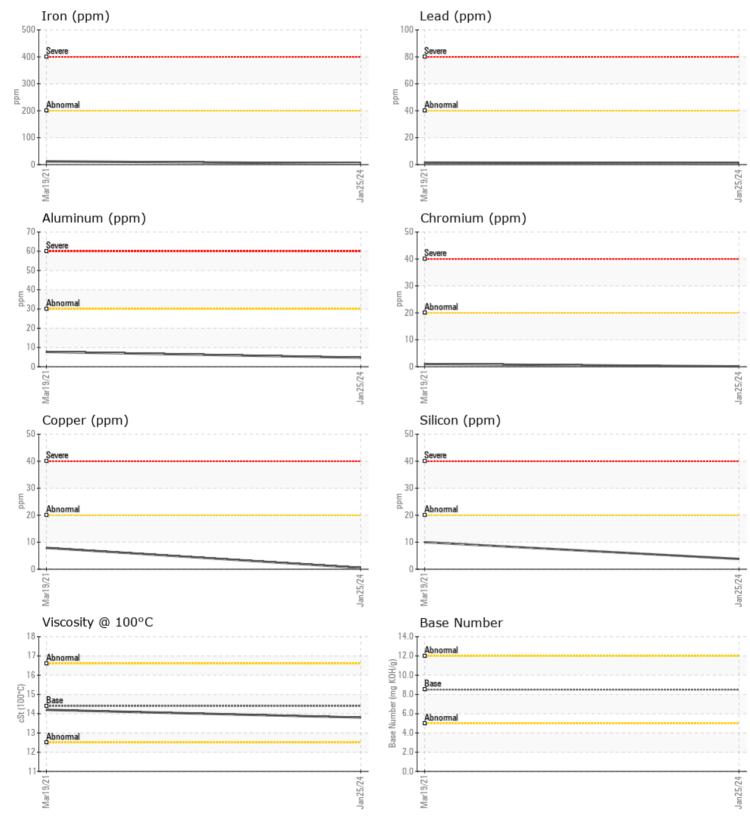
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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