CONSTRUCTION EQUIPMENT CBM 368488 VOLVO L220H 3261 - DIESEL ENGINE



Sample No: VCP392231

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	368488

62

1.4

5

3

|| <1

NEG

SAMPLE INFORMATION

%

%

%

ppm

ppm

ppm

Sample Number		VCP392231	VCP392341	
Sample Date		22 Jun 2023	17 Mar 2023	
Machine Hours		3435	2646	
Oil Hours		800	200	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	SEVERE	
OIL CON	DITION			
Visc @ 100°C	cSt	12.8	7.6	
Oxidation (PA)	%	85	67	
VOLVO				
CONTAM	MINATION			
Soot %	MINATION %	0	0	

62

23.2

4

2

<1

NEG



Strongco Equipment

5179 Fountain St N. Breslau, ON CA N0B 1M0 Contact: Nick Sanders nsanders@strongco.com T: (519)744-3518 F: (519)744-3284

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Potassium

Sulfation (PA)

Glycol

Silicon

Sodium

Fuel

VEAR M	ETALS			
Iron	ppm	9	3	
Copper	ppm	2	3	
Lead	ppm	 <1	 < 1	
Tin	ppm	 <1	 <1	
Aluminum	ppm	1	 < 1	
Chromium	ppm	 <1	0	
Molybdenum	ppm	40	32	
Nickel	ppm	 <1	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	 <1	 < 1	
Vanadium	ppm	0	0	

VOLVO

ADDITI	IVES			
Calcium	ppm	1649	1336	
Magnesium	ppm	503	382	
Zinc	ppm	1070	817	
Phosphorus	ppm	979	751	
Barium	ppm	0	0	
Boron	ppm	37	42	

 Depot:
 CASKIT

 Unique No:
 5603887

 Signed:
 Wes Davis

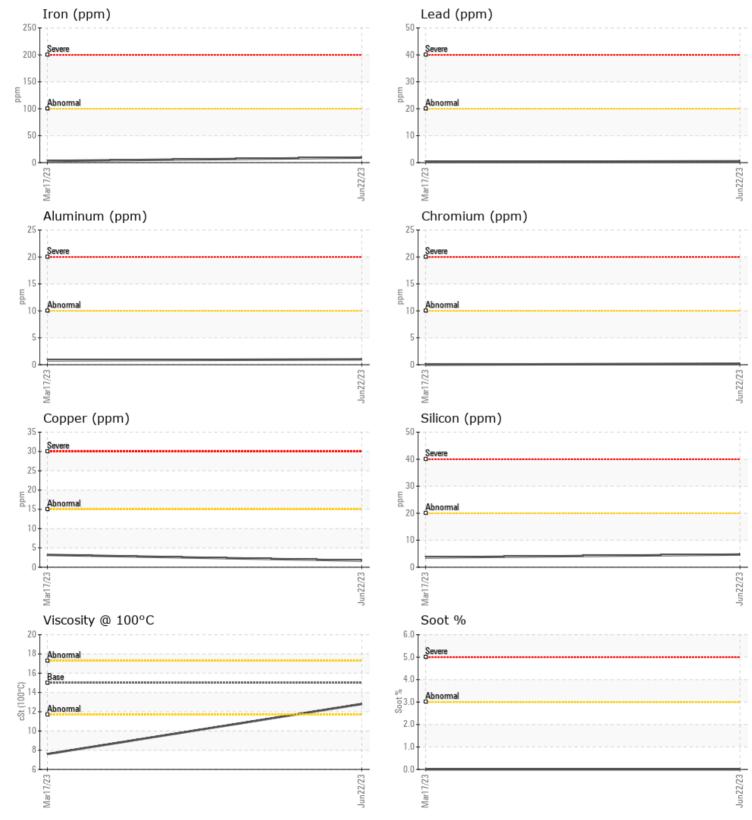
 Report Date:
 29 Jun 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: CASKIT [WCAMIS] 02566841 (Generated: 09/21/2023 14:51:40) Rev: 1

Contact/Location: Nick Sanders - CASKIT