CONSTRUCTION EQUIPMENT SWA338040-2 BERGMAN 6489 - DIESEL ENGINE



 Sample No:
 VCP421423

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SWA338040-2

SAMPLE INFORMATION

VOLVO

Sample Number		VCP421423					
Sample Date		19 Aug 2023					
Machine Hours		307					
Oil Hours		0					
Oil Changed		Changed					
Sample Status		NORMAL					
OIL CONDIT	TION	_					
Visc @ 100°C	cSt	13.1					
Base Number (BN)	mg KOH/g	10.1					
Oxidation (PA)	%	63					
CONTAMINATION							
Soot %	%	0.9					
Nitration (PA)	%	65					
Sulfation (PA)	%	60					
Glycol	%	NEG					
Fuel	%	<1.0					
Silicon	ppm	27					
Sodium	ppm	5					

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ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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

ppm

4

WEAR I	METALS			
Iron	ppm	91	 	
Copper	ppm	30	 	
Lead	ppm	0	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	4	 	
Chromium	ppm	2	 	
Molybdenum	ppm	41	 	
Nickel	ppm	0	 	
Titanium	ppm	1	 	
Silver	ppm	0	 	
Manganese	ppm	8	 	
Vanadium	ppm	0	 	

Vandala

ADDITIVES							
Calcium	ppm	3235					
Magnesium	ppm	147					
Zinc	ppm	1161					
Phosphorus	ppm	949					
Barium	ppm	7					
Boron	ppm	306					

 Depot:
 VOLV00090

 Unique No:
 10629139

 Signed:
 Wes Davis

 Report Date:
 31 Aug 2023

Report Id: VOLVO0090 [WUSCAR] 05938527 (Generated: 08/31/2023 09:48:10) Rev: 1

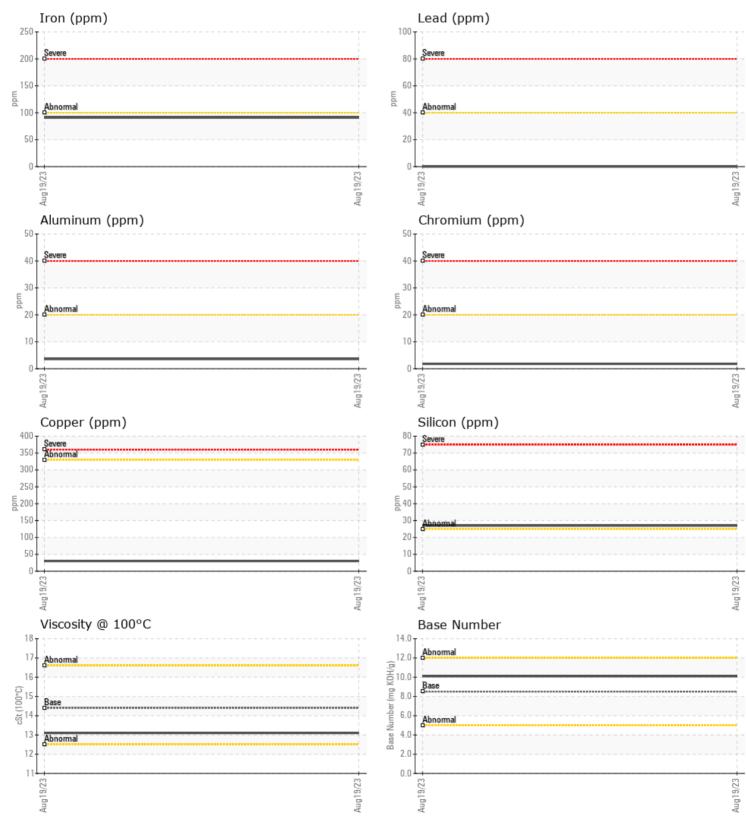
Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: TODD LARK - VOLVO0090