CONSTRUCTION EQUIPMENT X13914 BOBS TREE SVC VOLVO L20B 1701244 - DIESEL ENGINE

 Sample No:
 VCP399211

 Oil Type:
 VOLVO ULTRADIUM

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: X13914 BOBS TREE SVC

## SAMPLE INFORMATION

Sample Number	-	VCP399211	VCE018990	 
Sample Date		26 Feb 2024	06 Feb 2023	 
Machine Hours		5390	5013	 
Oil Hours		0	0	 
Oil Changed		N/A	Changed	 
Sample Status		NORMAL	NORMAL	 
OIL COND	DITION			
Visc @ 100°C	cSt	13.2	13.5	 
Base Number (BN	) mg KOH/g	<b>9.1</b>	9.1	 
Oxidation (PA)	%	73	68	 
VOLVO				
CONTAM	INATION			 
Water	INATION %	NEG	NEG	 
		NEG	NEG	 
Water	%			
Water Soot %	%	0.1	0.7	 
Water Soot % Nitration (PA)	% % %	<b>□</b> 0.1 65	□ 0.7 83	 
Water Soot % Nitration (PA) Sulfation (PA)	% % % %	0.1 65 63	0.7 83 55	  
Water Soot % Nitration (PA) Sulfation (PA) Glycol	% % % %	0.1 65 63 NEG	0.7 83 55 NEG	    
Water Soot % Nitration (PA) Sulfation (PA) Glycol Fuel	% % % % %	0.1 65 63 NEG <1.0	0.7 83 55 NEG <1.0	       
Water Soot % Nitration (PA) Sulfation (PA) Glycol Fuel Silicon	% % % % % % ppm	0.1 65 63 NEG <1.0 12	0.7 83 55 NEG <1.0 9	   

### WEAR METALS Iron 12 ppm 12 Copper ■ <1 □ < 1 ppm Lead 0 0 ppm 0 Tin ppm <1 Aluminum ppm 6 5 **||** <1 <1 Chromium ppm 106 Molybdenum ppm 115 Nickel ■ <1 0 ppm Titanium 0 <1 ppm 0 Silver 0 ppm Manganese **||** <1 < 1 ppm Vanadium 0 0 ppm

ADDITIVES							
Calcium	ppm	<b>1470</b>	1460				
Magnesium	ppm	639	607				
Zinc	ppm	933	873				
Phosphorus	ppm	744	693				
Barium	ppm	0	0				
Boron	ppm	255	334				



### SCOTT EQUIPMENT COMPANY LLC - Broussard 100 IDA ROAD BROUSSARD, LA US 70518 Contact: ADAM FEIRMAN afeirman@scottcompanies.com T: (337)837-2907 F: (337)837-5116

### 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 acceptable for the time in service.

 Depot:
 VOLVO6241

 Unique No:
 10902244

 Signed:
 Don Baldridge

 Report Date:
 02 Mar 2024

1

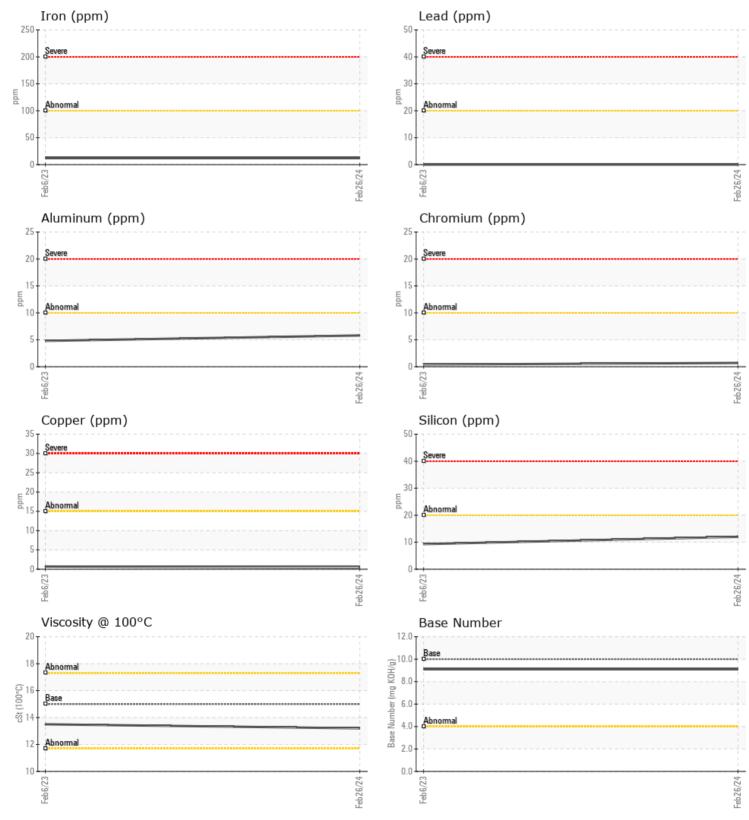
Contact/Location: ADAM FEIRMAN - VOLVO6241

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO6241 [WUSCAR] 06104014 (Generated: 03/02/2024 11:04:28) Rev: 1

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