## CONSTRUCTION EQUIPMENT SW0132466 VOLV0 L70H 624910 - DIESEL ENGINE



## Sample No:VCP419538Oil Type:VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3Job No:SWO132466

VOLVO

Potassium

ppm

2

	NFORMATION				
Sample Number		VCP419538		 	
Sample Date		15 Jul 2023		 	
Machine Hours		970		 	
Oil Hours		500		 	
Oil Changed		Changed		 	
Sample Status		NORMAL		 	
OIL COND	ITION				
Visc @ 100°C	cSt	12.9		 	
Base Number (BN)	mg KOH/g	9.8		 	
Oxidation (PA)	%	77		 	
CONTAMI					ĺ
			<u> </u>		
Water	%	NEG		 	
Soot %	%	0.3		 	
Nitration (PA)	%	53		 	
Sulfation (PA)	%	61		 	
Glycol	%	NEG		 	
Fuel	%	<1.0		 	
Silicon	ppm	<b>1</b> 6		 	
Sodium	ppm	<b>1</b>		 	



THE GW VAN KEPPEL COMPANY

8233 WEST RENO OKLAHOMA CITY, OK US 73127 Contact: ZACHARY BOWDISH zbowdish@vankeppel.com T: (405)495-0606 F: (405)495-7603

## 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.

VOLVO				
🛛 🧹 WEAR I	METALS			
Iron	ppm	17	 	
Copper	ppm	<b>4</b>	 	
Lead	ppm	□ <1	 	
Tin	ppm	<b>1</b>	 	
Aluminum	ppm	<b>17</b>	 	
Chromium	ppm	3	 	
Molybdenum	ppm	42	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<b>1</b>	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	<b>1636</b>				
Magnesium	ppm	515				
Zinc	ppm	1108				
Phosphorus	ppm	908				
Barium	ppm	0				
Boron	ppm	50				

 Depot:
 VOLVO0052

 Unique No:
 10751275

 Signed:
 Wes Davis

 Report Date:
 21 Nov 2023

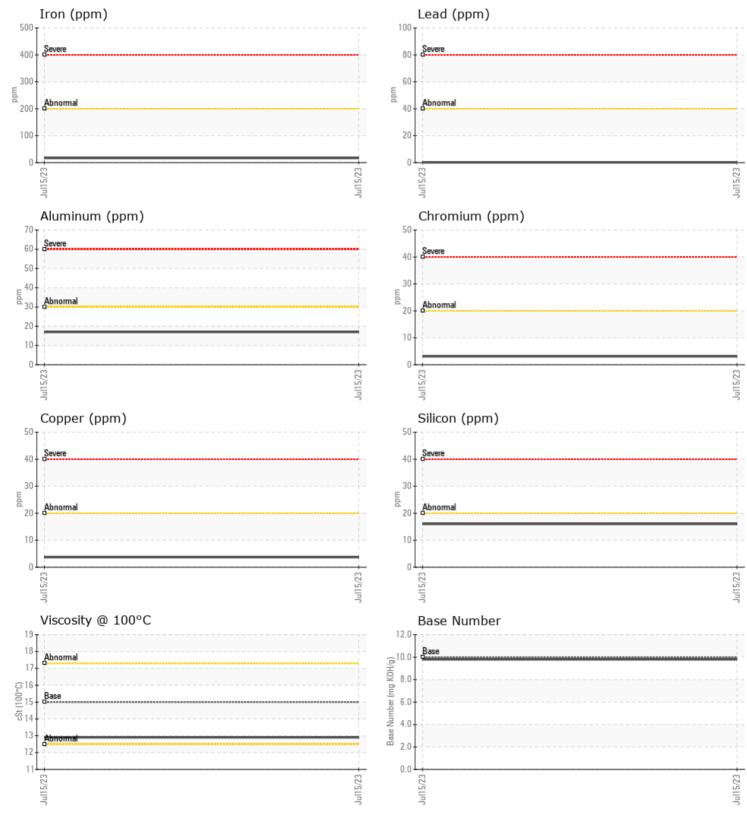
Contact/Location: ZACHARY BOWDISH - VOLVO0052

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0052 [WUSCAR] 06012131 (Generated: 11/21/2023 09:33:07) Rev: 1

Contact/Location: ZACHARY BOWDISH - VOLVO0052