CONSTRUCTION EQUIPMENT 4803 VOLVO L70H 622030 - DIESEL ENGINE



Sample No: VCP398874

Oil Type:	VOLVO VDS-4.5 Premium Motor Oil 15W40			
Job No:	4803			

SAMPLE I	NFORMATION			
Sample Number	-	VCP398874	 	
Sample Date		20 Sep 2023	 	
Machine Hours		2065	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.3	 	
Base Number (BN)	mg KOH/g	10.1	 	
Oxidation (PA)	%	87	 	
CONTAMI	NATION			
Soot %	%	0.2	 	
Nitration (PA)	%	73	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	



TRANSOURCE TRUCK & EQUIPMENT

1810 DEADWOOD AVENUE RAPID CITY, SD US 57401 Contact: JORDAN FETERL jordan.feterl@transourceusa.com T: (605)342-5694 F: (605)342-8791

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.

Potassium

ppm

ppm

ppm

8

2

1

Silicon

Sodium

WEAR N	METALS			
Iron	ppm	26	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	1	 	
Aluminum	ppm	9	 	
Chromium	ppm	2	 	
Molybdenum	ppm	47	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

Variaului

ADDITIVES						
Calcium	ppm	1691				
Magnesium	ppm	509				
Zinc	ppm	1166				
Phosphorus	ppm	965				
Barium	ppm	0				
Boron	ppm	40				

 Depot:
 VOLVO0037

 Unique No:
 10670937

 Signed:
 Wes Davis

 Report Date:
 29 Sep 2023

Report Id: VOLVO0037 [WUSCAR] 05964386 (Generated: 09/29/2023 18:11:28) Rev: 1

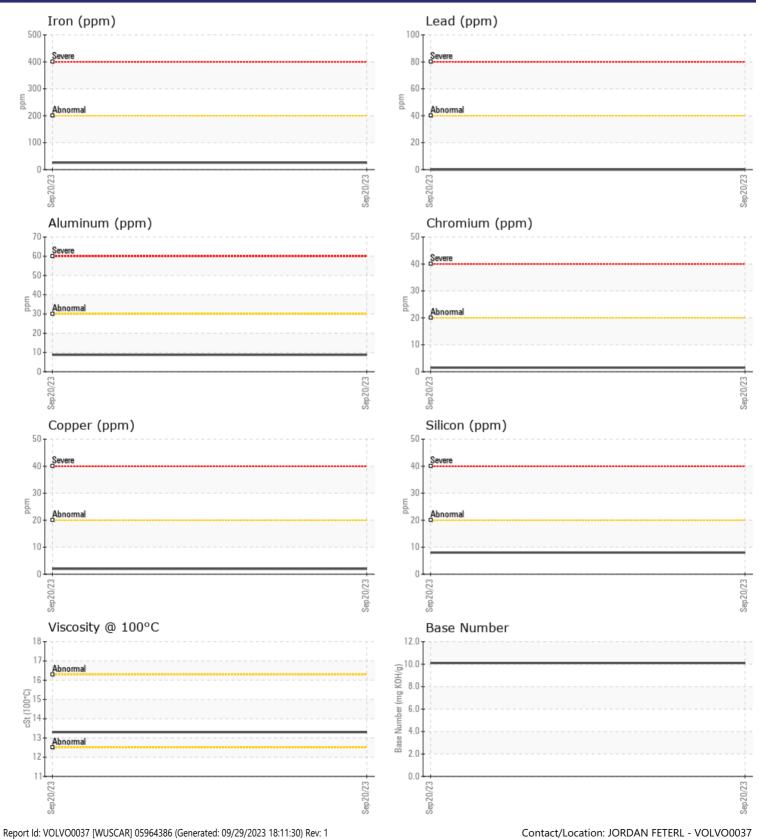
Contact/Location: JORDAN FETERL - VOLVO0037

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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