CONSTRUCTION EQUIPMENT A12355 VOLVOL120H 633460 - DIESEL ENGINE



 Sample No:
 VCP438194

 Oil Type:
 MOBIL 15W40

 Job No:
 A12355

VOLVO

VOLVO				
SAMPLE I	NFORMATION			
Sample Number	-	VCP438194	 	
Sample Date		25 Mar 2024	 	
Machine Hours		580	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.4	 	
Base Number (BN)	mg KOH/g	9.6	 	
Oxidation (PA)	%	70	 	
CONTAMI	NATION			
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>12</b>	 	
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	2	 	
WEAR ME	TALS			
Iron	ppm	21	 	
Copper	ppm	<b>12</b>	 	
Lead	ppm	3	 	
Tin	ppm	2	 	



## JAMES J ANDERSON

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## Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.The aluminum level is abnormal. All other 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.

Titanium	ppm	<1	 	
Silver	ppm	■<1	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	
ADDIT	VES			
Calcium	ppm	<b>1606</b>	 	
		□ 1606 □ 507	 	
Calcium	ppm			
Calcium Magnesium	ppm ppm	507	 	
Calcium Magnesium Zinc	ppm ppm ppm	<b>507</b> 998	 	

Depot:JAAPHIUnique No:10968726Signed:Angela BorellaReport Date:12 Apr 2024

Report Id: JAAPHI [WUSCAR] 06143918 (Generated: 04/12/2024 11:21:22) Rev: 1

**6** 59

**4** 

28

0

ppm

ppm

ppm

ppm

Aluminum

Chromium

Nickel

Molybdenum

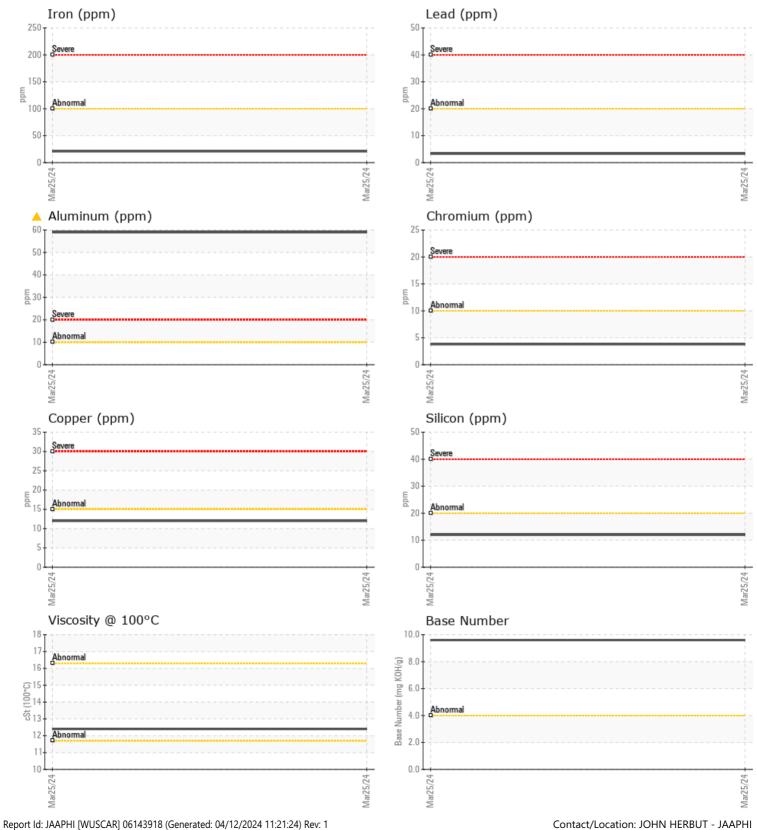
Contact/Location: JOHN HERBUT - JAAPHI

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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