CONSTRUCTION EQUIPMENT A11662 VOLVO L120H 633530 - DIESEL ENGINE



 Sample No:
 VCP433780

 Oil Type:
 MOBIL 15W40

 Job No:
 A11662

Silver

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

VOLVO

SAMPLE I	NFORMATION				
Sample Number	-	VCP433780		 	
Sample Date		07 Dec 2023		 	
Machine Hours		270		 	
Oil Hours		270		 	
Oil Changed		Changed		 	
Sample Status		ABNORMAL		 	
OIL CONDI					
		· · · · · ·	-	<u>.</u> .	
Visc @ 100°C	cSt	<b>12.1</b>		 	
Base Number (BN)		■ 10.4		 	
Oxidation (PA)	%	70		 	
VOLVO				 	
CONTAMII	NATION				
Water	%	NEG		 	
Soot %	%	0.1		 	
Nitration (PA)	%	48		 	
Sulfation (PA)	%	58		 	
Glycol	%	NEG		 	
Fuel	%	0.3		 	
Silicon	ppm	13		 	
Sodium	ppm	3		 	
Potassium	ppm	3		 	
	1.1.				
WEAR ME	TALS				
Iron	ppm	15		 	
Copper	ppm	<b>11</b>		 	
Lead	ppm	2		 	
Tin	ppm	2		 	
Aluminum	ppm	<b>4</b> 7		 	
Chromium	ppm	3		 	
Molybdenum	ppm	35		 	
Nickel	ppm	0		 	
Titanium	ppm	<1		 	
C'1					



GOURMETS DELIGHT

PO BOX 160 AVONDALE, PA US 19311 Contact: GABE VALENTINO gabe.valentino@gourmetsfinest.com T: (610)268-3578 F: (610)268-2298

## Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.The aluminum level is abnormal. All other metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot:GOUAVOUnique No:10796394Signed:Don BaldridgeReport Date:27 Dec 2023

Report Id: GOUAVO [WUSCAR] 06041165 (Generated: 12/28/2023 08:45:06) Rev: 1

■ <1

2

0

1389

576

1068

856 **2**7

61

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm

**ADDITIVES** 

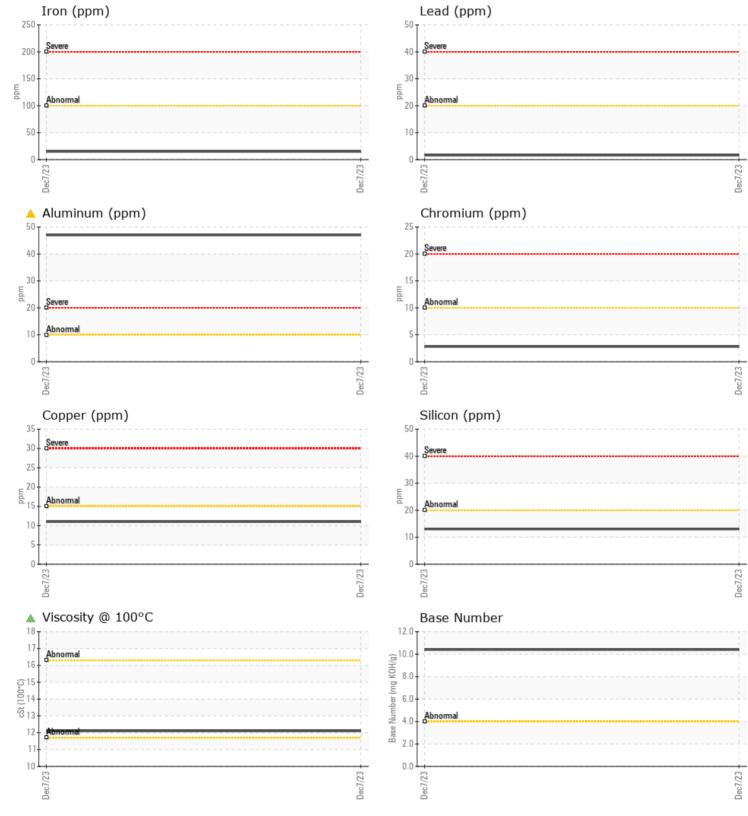
Contact/Location: GABE VALENTINO - GOUAVO

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: GOUAVO [WUSCAR] 06041165 (Generated: 12/28/2023 08:45:08) Rev: 1

Contact/Location: GABE VALENTINO - GOUAVO