CONSTRUCTION EQUIPMENT SPM594509 VOLVO L120H 633267 - DIESEL ENGINE



 Sample No:
 VCP415435

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SPM594509

VOLVO

VOLVO				
	INFORMATION			
Sample Number	-	VCP415435		 
Sample Date		17 Aug 2023		 
Machine Hours		1035		 
Oil Hours		0		 
Oil Changed		Changed		 
Sample Status		ABNORMAL		 
OIL COND	ITION			
Visc @ 100°C	cSt	<b>12.3</b>		 
Base Number (BN)	) mg KOH/g	<b>9.1</b>		 
Oxidation (PA)	%	77		 
CONTAM	INATION			
Soot %	%	0.3	<u>_</u>	
Nitration (PA)	%	68		 
Sulfation (PA)	%	61		 
Glycol	%	NEG		 
Fuel	%	0.6		 
Silicon	ppm	13		 
Sodium	ppm	5		 
Potassium	ppm	2		 
VOLVO				

WEAR METALS

	METALS			
Iron	ppm	28	 	
Copper	ppm	<b>10</b>	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	🔺 55	 	
Chromium	ppm	3	 	
Molybdenum	ppm	53	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	<b></b> <1	 	
Silver	ppm	<b></b> <1	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

Variadia

ADDITIVES							
Calcium	ppm	<b>1607</b>					
Magnesium	ppm	630					
Zinc	ppm	<b>1201</b>					
Phosphorus	ppm	978					
Barium	ppm	6					
Boron	ppm	68					

**OZINGA BROS INC** 19001 OLD LAGRANDE RD

MOKENA, IL US 60448 Contact: ED JONGSMA

T: (708)326-4200 F:

## 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 component wear rates are normal. Fuel content negligible. No other contaminants were detected 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:
 OZIMOKVC

 Unique No:
 10632430

 Signed:
 Sean Felton

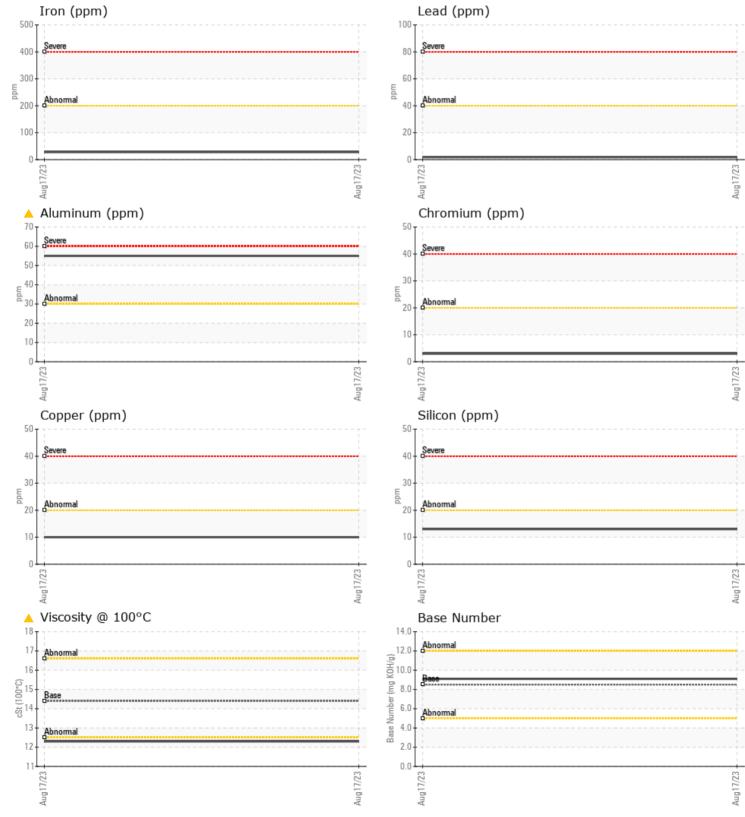
 Report Date:
 06 Sep 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: ED JONGSMA - OZIMOKVC