CONSTRUCTION EQUIPMENT 4501 ASH VOLVO A60H 350199 - DIESEL ENGINE



 Sample No:
 VCP401952

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 4501 ASH

VOLVO

	INFORMATION			
Sample Number	-	VCP401952	 	
Sample Date		27 Sep 2023	 	
Machine Hours		3423	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONE	DITION		 	
Visc @ 100°C	cSt	12.5	 	
Base Number (BN		8.8	 	
Oxidation (PA)	%	71	 	
	70	71		
VOLVO				
CONTAM	INATION			
Soot %	%	0.9	 	
Nitration (PA)	%	59	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>10</b>	 	
Sodium	ppm	8	 	
Potassium	ppm	<b>4</b>	 	
WEAR M	ETALS		 	
Iron	ppm	24	 	
Copper	ppm	9	 	
Lead	ppm	2	 	
Tin	ppm	2	 	

## 403 - ASCENDUM MACHINERY INC - FARGO

3739 38TH ST SW, SUITE E FARGO, ND US 58104 Contact: SCOTT HANSON scott.hanson@ascendummachinery.com T: F: (701)356-4072

## 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 acceptable for the time in service.

WEAR N	METALS			
Iron	ppm	24	 	 
Copper	ppm	9	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	9	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	58	 	
Nickel	ppm	3	 	
Titanium	ppm	<b></b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	2002				
Magnesium	ppm	612				
Zinc	ppm	<b>1270</b>				
Phosphorus	ppm	<b>1059</b>				
Barium	ppm	0				
Boron	ppm	65				

Depot:ASCFARUnique No:10672678Signed:Don BaldridgeReport Date:03 Oct 2023

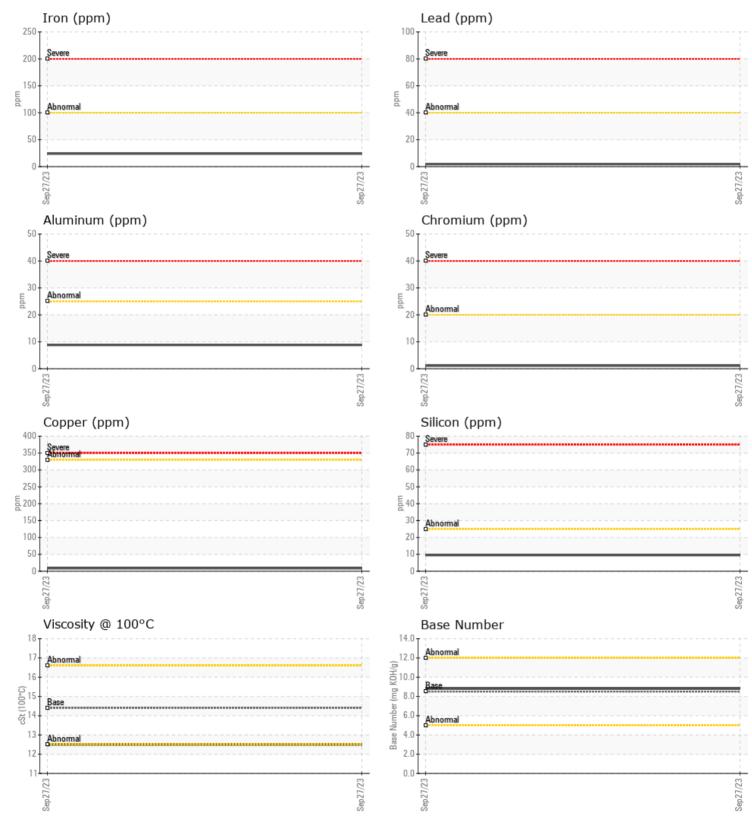
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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