CONSTRUCTION EQUIPMENT 50196 A.L. GRADING - DIESEL ENGINE



Sample No:VCP405160Oil Type:DIESEL ENGINE OIL SAE 15W40

ppm

ppm

ppm

6 🔲

2

0 🔲

50196 A.L. GRADING

VOLVO

Job No:

Silicon

Sodium

/12

Potassium

SAMPLE IN	IFORMATION			
Sample Number	-	VCP405160	 	
Sample Date		01 Nov 2023	 	
Machine Hours		12602	 	
Oil Hours		912	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDIT	FION			
Visc @ 100°C	cSt	12.8	 	
Base Number (BN)	mg KOH/g	10.5	 	
Oxidation (PA)	%	78	 	
CONTAMIN	IATION			
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	51	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	0.4	 	



367 - ASCENDUM MACHINERY INC - BUFORD

3779 RYDER BLVD BUFORD, GA US 30519 Contact: AARON MANDERS aaron.manders@ascendummachinery.com T: F: (678)318-9534

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. Tests indicate that there is no fuel present in the oil. 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.

TIOTING							
WEAR METALS							
<u> </u>	-			<u>.</u>	-		
Iron	ppm	4					
Copper	ppm						
Lead	ppm	 <1					
Tin	ppm	0					
Aluminum	ppm	3					
Chromium	ppm	0					
Molybdenum	ppm	45					
Nickel	ppm	 <1					
Titanium	ppm	0					
Silver	ppm	0					
Manganese	ppm	 <1					
Vanadium	ppm	0					

ADDITIVES							
Calcium	ppm	1713					
Magnesium	ppm	493					
Zinc	ppm	1138					
Phosphorus	ppm	950					
Barium	ppm	0					
Boron	ppm	56					

 Depot:
 VOLVO8529

 Unique No:
 10737070

 Signed:
 Doug Bogart

 Report Date:
 22 Nov 2023

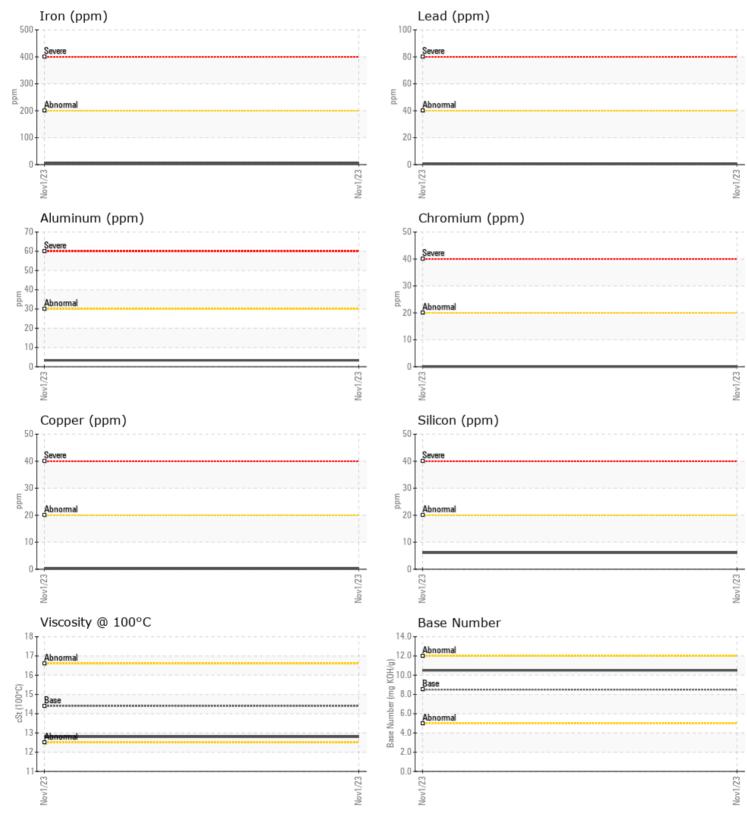
Contact/Location: AARON MANDERS - VOLVO8529

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8529 [WUSCAR] 06003308 (Generated: 11/22/2023 13:39:36) Rev: 1

Contact/Location: AARON MANDERS - VOLVO8529