CONSTRUCTION EQUIPMENT SPM581191 VOLVO L220H 3399 - DIESEL ENGINE



 Sample No:
 VCP420658

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SPM581191

VOLVO

SAMPLE	INFORMATION			
Sample Number		VCP420658	 	
Sample Date		27 Jul 2023	 	
Machine Hours		1035	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CON	DITION			
Visc @ 100°C	cSt	12.7	 	
Base Number (BN	I) mg KOH/g	■7.0	 	
Oxidation (PA)	%	57	 	
CONTAM	INATION			
Soot %	%	0.2	 	
Nitration (PA)	%	60	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	2	 	

Potassium

ppm

WEAR METALS 9 Iron ppm Copper 47 ppm Lead 1 ppm Tin 2 ppm Aluminum ppm 2 ■ <1 Chromium ppm Molybdenum 63 ppm Nickel ppm **||** <1 Titanium 0 ppm Silver 0 🔲 ppm Manganese 1 🔲 ppm Vanadium ppm 0

Vandella

ADDITIVES								
ppm	1129							
ppm	852							
ppm	<b>1224</b>							
ppm	976							
ppm	0							
ppm	<b>16</b>							
	ppm ppm ppm ppm	ppm         852           ppm         1224           ppm         976           ppm         0	ppm         852            ppm         1224            ppm         976            ppm         0	ppm         852             ppm         1224             ppm         976             ppm         0				



ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 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 copper 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 suitable for further service.

 Depot:
 VOLVO8885

 Unique No:
 10601877

 Signed:
 Don Baldridge

 Report Date:
 12 Aug 2023

Report Id: VOLVO8885 [WUSCAR] 05921930 (Generated: 08/12/2023 14:17:57) Rev: 1

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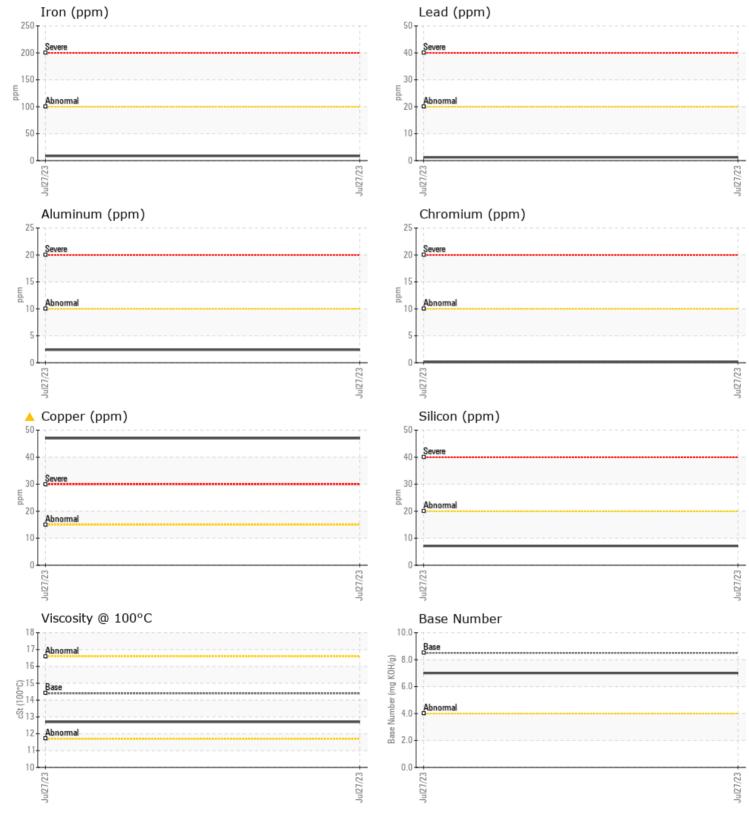
Contact/Location: DAVE ENG - VOLVO8885

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 05921930 (Generated: 08/12/2023 14:18:00) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885