CONSTRUCTION EQUIPMENT SWA362603 ML CHARTER VOLVO L220H 2997 - DIESEL ENGINE

Sample No: VCP431172

VOLVO

Oil Type: DIESEL ENGINE OIL SAE 15W40 SWA362603 ML CHARTER

Job No:

SAMPLE IN	FORMATION			
Sample Number		VCP431172		
Sample Date		15 Sep 2023		
Machine Hours		6431		
Oil Hours		0		
Oil Changed		Not Changd		
Sample Status		NORMAL		
OIL CONDI	LION			
Visc @ 100°C	cSt	13.1		
Base Number (BN)	mg KOH/g	8.8		
Oxidation (PA)	%	59		
			_	
Soot %	%	■ 0.1 53		
Nitration (PA)		55		
Sulfation (PA)	%			
Glycol	%	NEG		
Fuel	%	<1.0		
Silicon	ppm	5		
Sodium	ppm	2		
Potassium	ppm	1		
VOLVO				

WEAR I	METALS			
Iron	ppm	4	 	
Copper	ppm	■ <1	 	
Lead	ppm	 <1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	1	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	82	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	

ADDITIVES								
ppm	1169							
ppm	823							
ppm	1104							
ppm	908							
ppm	0							
ppm	89							
	ppm ppm ppm ppm	ppm 823 ppm 1104 ppm 908 ppm 0	ppm 823 ppm 1104 ppm 908 ppm 0	ppm 823 ppm 1104 ppm 908 ppm 0				



ALTA EQUIPMENT COMPANY - METRO WEST

56195 PONTIAC TRAIL NEW HUDSON, MI US 48165 Contact: JEFF YAEK jeff.yaek@altaequipment.com T: (248)770-6328 F: x:

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 suitable for further service.

Depot: VOLVO2990 Unique No: 10657334 Signed: Wes Davis Report Date: 21 Sep 2023

Report Id: VOLVO2990 [WUSCAR] 05956121 (Generated: 09/21/2023 04:57:47) Rev: 1

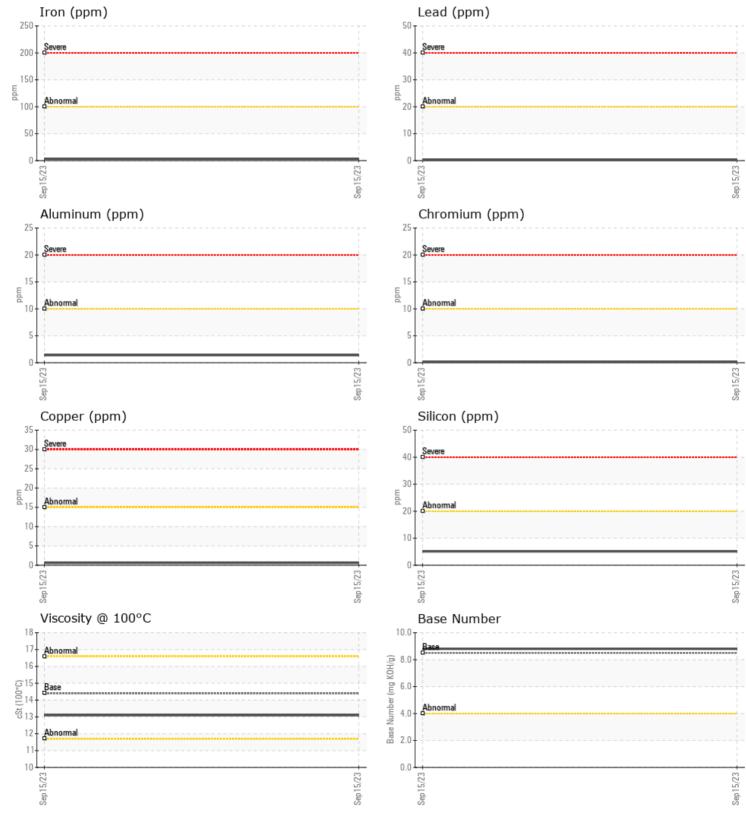
Contact/Location: JEFF YAEK - VOLVO2990

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO2990 [WUSCAR] 05956121 (Generated: 09/21/2023 04:57:50) Rev: 1

Contact/Location: JEFF YAEK - VOLVO2990