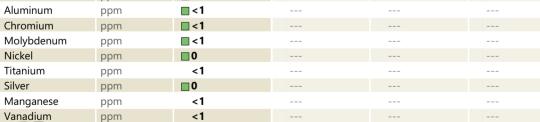


CONSTRUCTION EQUIPMENT B50586 JOHN D. OLD ELTEC J0103 - DIESEL ENGINE

Sample No: VCP424142 **Oil Type:** NOT GIVEN Job No: **B50586 JOHN D. OLD**

SAMPLE	INFORMATION			
Sample Number		VCP424142	 	
Sample Date		21 Aug 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 100°C	cSt	<u>▲ 11.2</u>	 	
Base Number (BN		5.9	 	
Oxidation (PA)	%	80	 	
	,0			
VOLVO				
CONTAM	INATION			
Soot %	%	0.8	 	
Nitration (PA)	%	88	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	• 14.6	 	
Silicon	ppm	5	 	
Sodium	ppm	2	 	
Potassium	ppm	5	 	
WEAR M	ETALS			
Iron	ppm	1 4	 	
Copper	ppm	<1	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	 <1	 	
Molybdenum	nnm	■ <1	 	



Vanadium

ADDITIVES								
Calcium	ppm	2023						
Magnesium	ppm	1 4						
Zinc	ppm	1065						
Phosphorus	ppm	879						
Barium	ppm	0						
Boron	ppm	95						
001011	PPIII							





CHADWICK-BAROSS INC

188 PERRY ROAD BANGOR, ME US 04401 Contact: MIKE MORIN mmorin@chadwick-baross.com T: (207)735-0856 F: (207)941-0856

Diagnosis

We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0007 Unique No: 10621109 Signed: Wes Davis Report Date: 30 Aug 2023

Report Id: VOLVO0007 [WUSCAR] 05935838 (Generated: 08/30/2023 09:15:32) Rev: 1

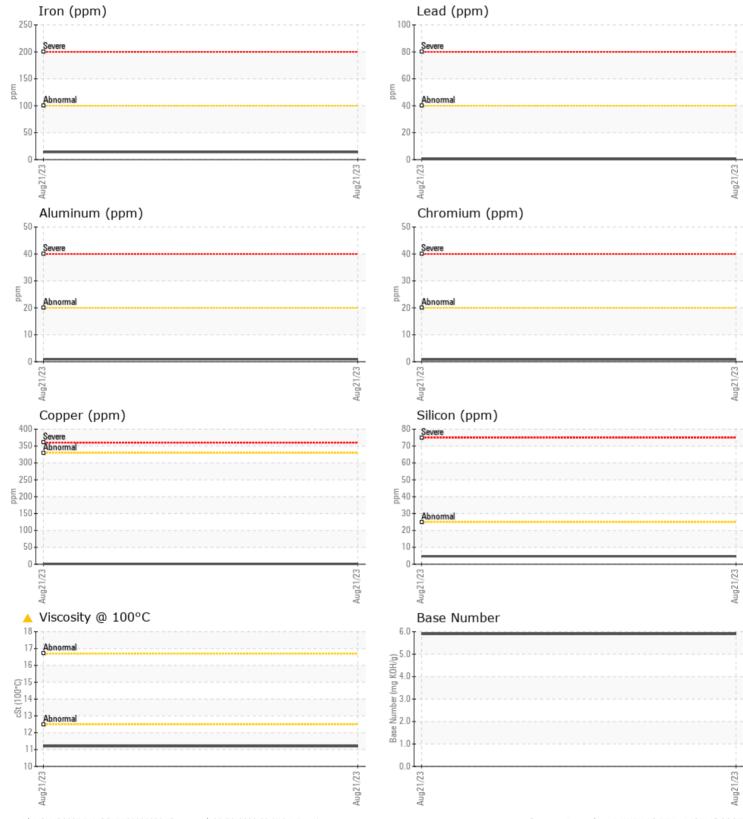
Contact/Location: MIKE MORIN - VOLVO0007

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0007 [WUSCAR] 05935838 (Generated: 08/30/2023 09:15:34) Rev: 1

Contact/Location: MIKE MORIN - VOLVO0007