CONSTRUCTION EQUIPMENT ARNON DEVELOPMENT VOLVO L 1 10F 6 1750 - DIESEL ENGINE

Sample No:VCP436040Oil Type:DIESEL ENGINE OIL SAE 15W40

VOLVO

Job No: ARNON DEVELOPMENT

Molybdenum

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ppm

**ADDITIVES** 

	NFORMATION			
Sample Number	-	VCP436040	 	
Sample Date		01 Nov 2023	 	
Machine Hours		7227	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
VOLVO				
💛 OIL CONDI	TION			
Visc @ 100°C	cSt	<b>13.6</b>	 	
Base Number (BN)	mg KOH/g	11.3	 	
Oxidation (PA)	%	73	 	
CONTAMI				
	-	-	 -	
Soot %	%	0.4	 	
Nitration (PA)	%	94	 	
Sulfation (PA)	%	60	 	
Glycol	%	0.10	 	
Fuel	%	<1.0	 	
Silicon	ppm	∎11	 	
Sodium	ppm	<b>446</b>	 	
Potassium	ppm	<b>A</b> 331	 	
VOLVO			 	
WEAR ME	TALS			
Iron	ppm	<b>1</b> 4	 	
Copper	ppm	3	 	
Lead	ppm	<b>1</b> 6	 	
Tin	ppm	<1	 	
Aluminum	ppm	2	 	
Chromium	ppm	<b>1</b>	 	

## ALTA EQUIPMENT

5985 COURT STREET ROAD SYRACUSE, NY US 13206 Contact: Jamie Klinger jamie.klinger@vanquip.com T: (315)437-2611 F: (315)437-8558

## Diagnosis

We advise that you check for the source of the coolant leak. We recommend that you drain the oil from the component if this has not already been done. We advise that you flush the component thoroughly before re-filling with oil. We recommend an early resample to monitor this condition.All component wear rates are normal. Test for glycol is positive. There is a high concentration of glycol present in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable due to the presence of contaminants.

Report Id: VOLVO0142 [WUSCAR] 05998860 (Generated: 11/07/2023 11:15:23) Rev: 1

61

0

23

0

<1

<1

1968

466

**1349** 

1054

0 🔲

26

 Depot:
 VOLV00142

 Unique No:
 10727220

 Signed:
 Wes Davis

 Report Date:
 07 Nov 2023

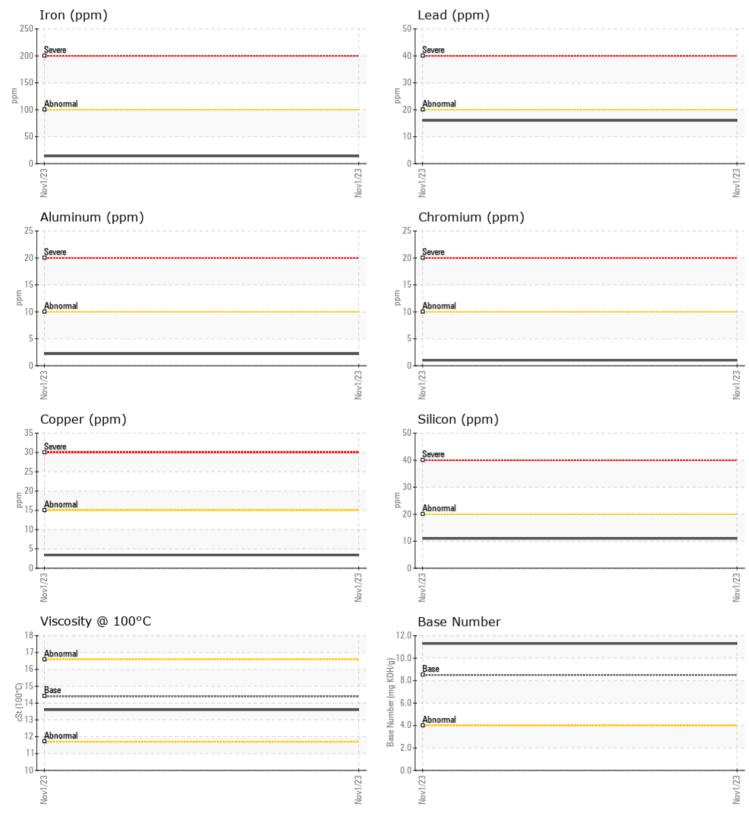
Contact/Location: Jamie Klinger - VOLVO0142

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0142 [WUSCAR] 05998860 (Generated: 11/07/2023 11:15:26) Rev: 1

Contact/Location: Jamie Klinger - VOLVO0142