## **CONSTRUCTION EQUIPMENT** VOLVO L150G 23140 - DIESEL ENGINE SW0-071810



Sample No: VCP453734 **Oil Type:** SWO-071810

%

%

ppm

ppm

ppm

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

Glycol

Silicon

Sodium

Potassium

Fuel

## SAMPLE INFORMATION VCP453734 Sample Number VCE171963 Sample Date 07 May 2024 09 Aug 2013 Machine Hours 6814 1132 Oil Hours 401 0 Changed Oil Changed Changed NORMAL ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.6 14.27 Base Number (BN) mg KOH/g 8.5 Oxidation (PA) 71 % 36 CONTAMINATION NEG Water % NEG % Soot % 0.1 0.4 Nitration (PA) % 60 50 % 57 47 Sulfation (PA)

NEG

<1.0

**4** 

2

■ <1



**MIDSOUTH PAVING INC** 

750 CLOW RD **BIRMINGHAM, AL** US 35217 Contact: CHRIS MCCOY chmccoy@apac.com T: (205)365-3448 F: (205)808-5431

## 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.

	66							
WEAR METALS								
Iron	ppm	4	10					
Copper	ppm	0	468					
Lead	ppm	□<1	1					
Tin	ppm	0	3					
Aluminum	ppm	<b>1</b>	2					
Chromium	ppm	0	<1					
Molybdenum	ppm	58	49					
Nickel	ppm	0	2					
Titanium	ppm	0	0					
Silver	ppm	0	0					
Manganese	ppm	□<1	0					
Vanadium	ppm	0	0					

NEG

<1.0

5

3

1

ADDITIVES							
Calcium	ppm	<b>1957</b>	816				
Magnesium	ppm	<b>430</b>	1184				
Zinc	ppm	<b>1206</b>	1232				
Phosphorus	ppm	<b>1023</b>	1106				
Barium	ppm	0	0				
Boron	ppm	<b>78</b>	3				

Depot: APABIR Unique No: 11021127 Signed: Wes Davis Report Date: 10 May 2024

Report Id: APABIR [WUSCAR] 06175074 (Generated: 05/10/2024 17:59:34) Rev: 1

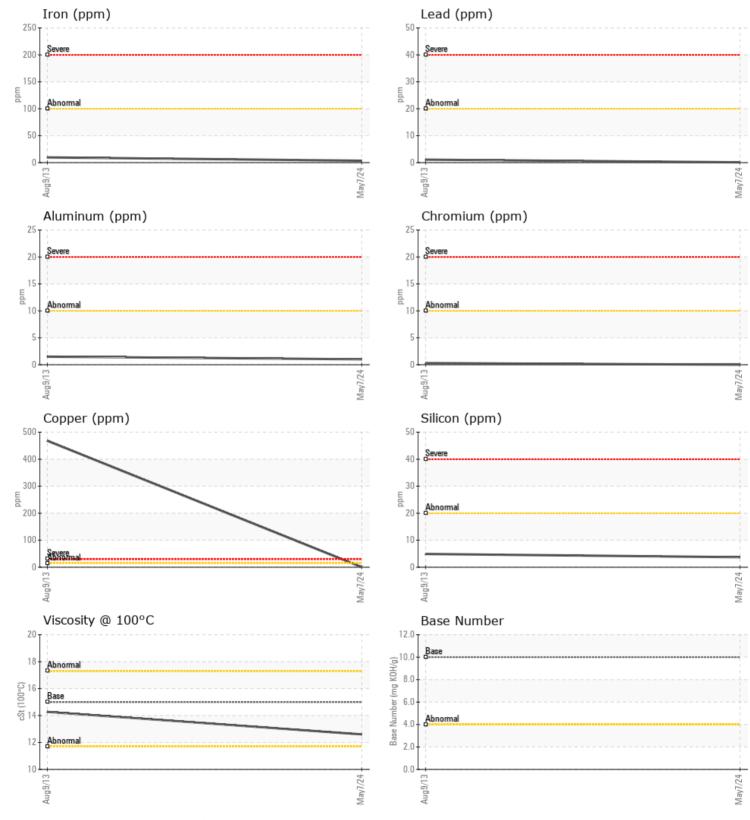
Contact/Location: CHRIS MCCOY - APABIR

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: CHRIS MCCOY - APABIR