## **CONSTRUCTION EQUIPMENT** SW-34060-2 RAMSEY VOLVO EC550E 310289 - DIESEL ENGINE

Sample No: VCP396120 **Oil Type:** 

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SW-34060-2 RAMSEY

#### SAMPLE INFORMATION Sample Number VCP396120 Sample Date 06 May 2024 Machine Hours 558 Oil Hours 558 Changed Oil Changed Sample Status ATTENTION **OIL CONDITION** Visc @ 100°C cSt 11.2 Base Number (BN) mg KOH/g 5.0 Oxidation (PA) % 69 CONTAMINATION % NEG Water Soot % % 0.2 Nitration (PA) % 84 % 60 Sulfation (PA)

Glycol % NEG % Fuel 0.4 Silicon ppm 20 Sodium ppm 2 Potassium ppm 6

V WEAR METALS					
Iron	ppm	<b>1</b> 3			
Copper	ppm	314			
Lead	ppm	<b></b> <1			
Tin	ppm	2			
Aluminum	ppm	2			
Chromium	ppm	■ <1			
Molybdenum	ppm	77			
Nickel	ppm				
Titanium	ppm	<1			
Silver	ppm	0			
Manganese	ppm	2			
Vanadium	ppm	<1			

#### **ADDITIVES** 2180 Calcium ppm 143 Magnesium ppm Zinc 1155 ppm 1090 Phosphorus ppm Barium **||** <1 ppm 24 Boron ppm

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### 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.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

VOLV08770 Depot: Unique No: 11031022 Signed: Sean Felton Report Date: 17 May 2024

Report Id: VOLVO8770 [WUSCAR] 06179696 (Generated: 05/17/2024 09:37:54) Rev: 1

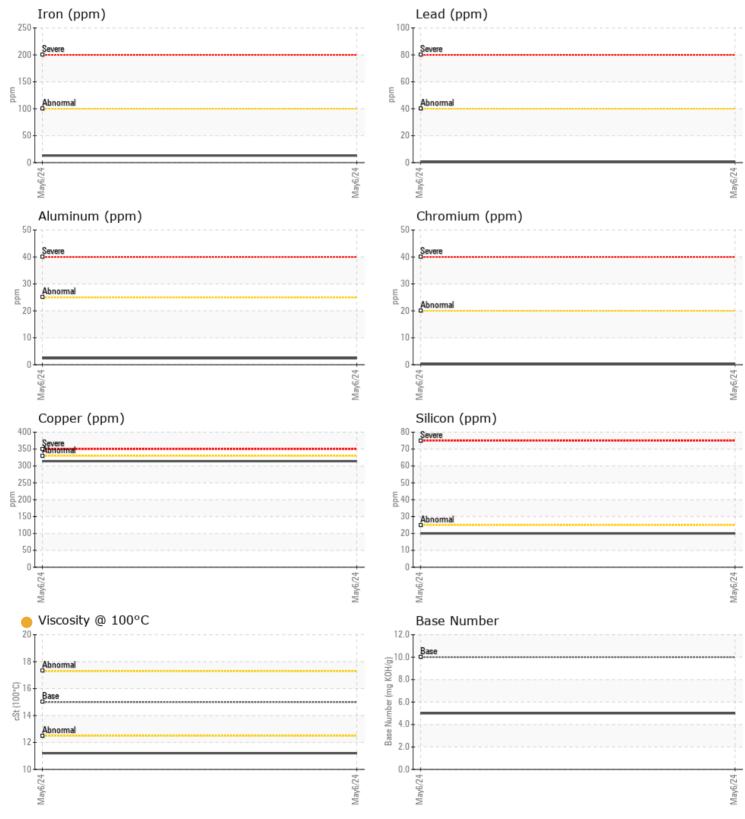
Contact/Location: TONY PAYAN - VOLVO8770

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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