**CONSTRUCTION EQUIPMENT** VOLVO L60H 623294 - DIESEL ENGINE 384881



### Sample No: VCP432068

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	384881

#### SAMPLE INFORMATION Sample Number VCP432068 Sample Date 11 Oct 2023 1079 Machine Hours Oil Hours 1079 Oil Changed Changed ABNORMAL Sample Status T: **OIL CONDITION** Visc @ 100°C cSt **12.0** Base Number (BN) mg KOH/g 8.4 Oxidation (PA) 72 % CONTAMINATION % 0.5 Soot % Nitration (PA) % 69 Sulfation (PA) % 58 % NEG Glycol Fuel % 0.6 Silicon ppm 26 Sodium ppm 5 🔲 Potassium ppm **||** < 1 WEAR METALS . . .

Iron	ppm	39	 	
Copper	ppm	<b>12</b>	 	
Lead	ppm	■1	 	
Tin	ppm	<b>4</b>	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	3	 	
Molybdenum	ppm	35	 	
Molybdenum Nickel	ppm ppm	<b>□</b> 35 <b>□</b> <1	 	
-				
Nickel	ppm	□ <1	 	
Nickel Titanium	ppm ppm	<1 <1	 	

ADDITIVES							
Calcium	ppm	<b>1655</b>					
Magnesium	ppm	551					
Zinc	ppm	<b>1091</b>					
Phosphorus	ppm	935					
Barium	ppm	0					
Boron	ppm	<b>1</b> 9					



**RECYCLE AMERICA** 

12100 YOUNG PINE RD ORLANDO, FL US 32829 Contact: SERVICE MANAGER

## F:

### Diagnosis

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot: RECORL Unique No: 10696508 Signed: Jonathan Hester Report Date: 18 Oct 2023

Report Id: RECORL [WUSCAR] 05979213 (Generated: 10/27/2023 06:08:42) Rev: 1

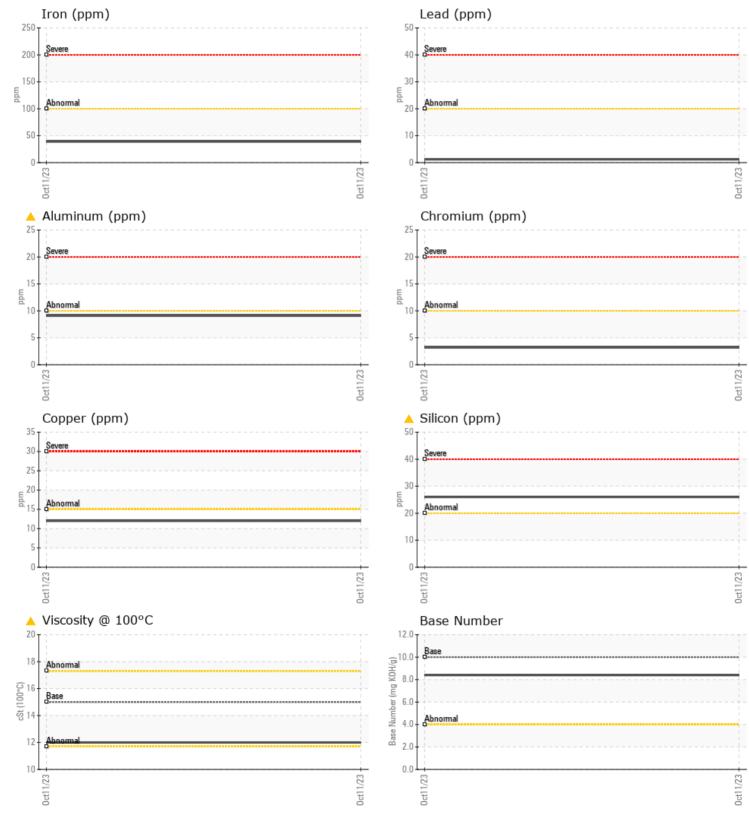
Contact/Location: SERVICE MANAGER ? - RECORL

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: SERVICE MANAGER ? - RECORL