

## **CONSTRUCTION EQUIPMENT** VOLVO EC480EL 315169 - DIESEL ENGINE



#### Sample No: VCP434442

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

**Oil Type:** 

	NFORMATION			
Sample Number	NFORMATION	VCP434442	 	
Sample Date		30 Oct 2023	 	
Machine Hours		939	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
VOLVO				
OIL COND	ITION			
Visc @ 100°C	cSt	<b>12.0</b>	 	
Base Number (BN)	mg KOH/q	<b>4.9</b>	 	
Oxidation (PA)	%	55	 	
VOLVO				
CONTAMI				
Soot %	%	■0.1	 	
Nitration (PA)	%	67	 	
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	∎1.1	 	
Silicon	ppm	27	 	
Sodium	ppm	3	 	
Potassium	ppm	<b>4</b>	 	
WEAR ME	TAIS			
Iron	ppm	<b>1</b> 5	 	
Copper	ppm	<b>A</b> 105	 	
Lead	ppm	0	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	<b>■</b> <1	 	
Molybdenum	ppm	29	 	
Nickel	ppm	<b>■</b> <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	

ppm		ADDITIVES									
phil	2023										
opm	148										
opm	<b>1100</b>										
opm	900										
opm	<b>□</b> <1										
opm	<b>□</b> <1										
0	pm pm pm	pm 1100 pm 900 pm < 1	pm 1100 pm 900 pm <1	pm 1100 pm 900 pm <1							



#### ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other 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.

Depot: VOLVO0090 Unique No: Signed: Report Date:

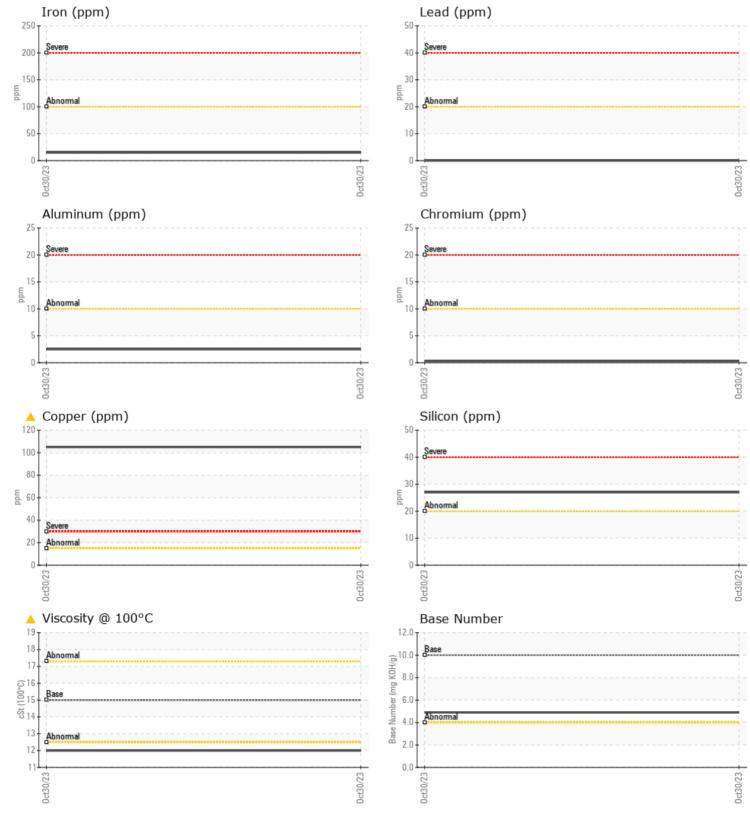
10723704 Jonathan Hester 03 Nov 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 05995344 (Generated: 11/03/2023 14:10:14) Rev: 1

Contact/Location: TODD LARK - VOLVO0090