# VOLVO

## **CONSTRUCTION EQUIPMENT** VOLVO EC300ELR 317492 - DIESEL ENGINE X59495



## Sample No: VCP437189

**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: X59495

VCP437189

17 Apr 2024

1522

Changed

13.5

88

8.1

ABNORMAL

0

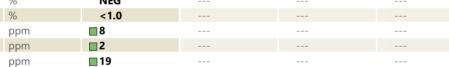
## SAMPLE INFORMATION Sample Number

eanipie i tannoei
Sample Date
Machine Hours
Oil Hours
Oil Changed
Sample Status
VOLVO

OIL CONDITION Visc @ 100°C cSt Base Number (BN) mg KOH/g %

Oxidatio	n (PA)
VOLVO	CONT

VOLVO			
CONTA	MINATION		
Water	%	NEG	
Soot %	%	0.3	
Nitration (PA)	%	86	
Sulfation (PA)	%	65	
Glycol	%	NEG	
Fuel	%	<1.0	



Silicon

Sodium

Potassium

WEAR I	METALS			
Iron	ppm	∎14	 	
Copper	ppm	<b>A</b> 383	 	
Lead	ppm	3	 	
Tin	ppm	0	 	
Aluminum	ppm	6	 	
Chromium	ppm	0	 	
Molybdenum	ppm	61	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

### **ADDITIVES** 2122 Calcium ppm 584 Magnesium ppm Zinc ppm 1358 1078 Phosphorus ppm Barium 0 🔲 ppm 41 Boron ppm



### SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997 SAINT ROSE, LA US 70087 Contact: DANA FOSHEE dfoshee@scottcompanies.com

T: (504)461-0961 F: (504)461-0970

## Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). 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 acceptable for the time in service.

SCOSAI Depot: Unique No: 10994116 Signed: Jonathan Hester Report Date: 26 Apr 2024

Report Id: SCOSAI [WUSCAR] 06158693 (Generated: 04/26/2024 07:00:17) Rev: 1

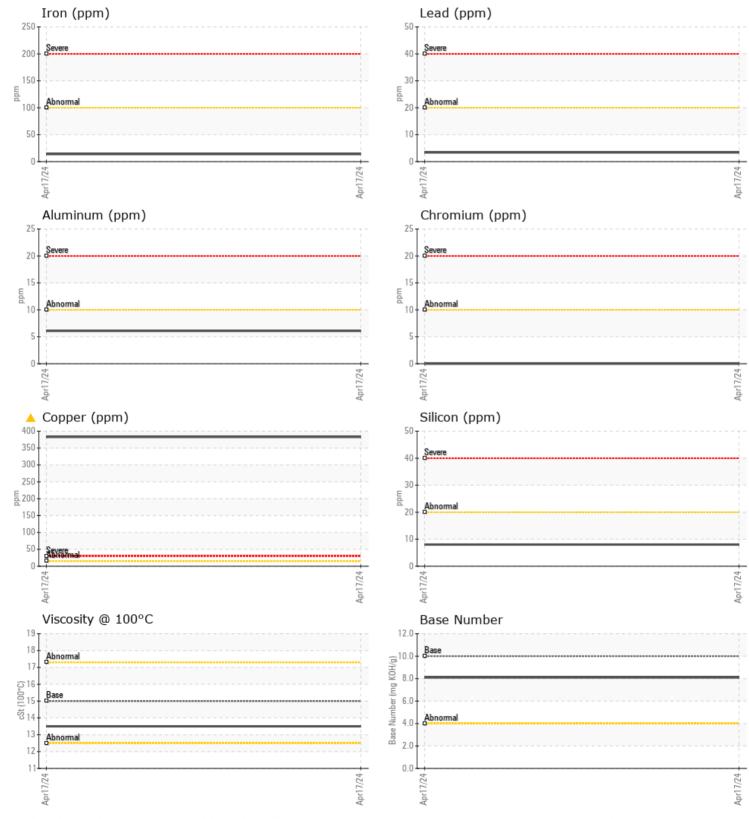
Contact/Location: DANA FOSHEE - SCOSAI

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 06158693 (Generated: 04/26/2024 07:00:19) Rev: 1

Contact/Location: DANA FOSHEE - SCOSAI