## CONSTRUCTION EQUIPMENT S50402261 ENV RENTAL VOLVO EC480EL 314785 - DIESEL ENGI

Sample No:VCP412062Oil Type:DIESEL ENGINE OIL SAE 15W40

Job No: S50402261 ENV RENTAL

VOLVO

#### SAMPLE INFORMATION VCP412062 Sample Number VCP412867 Sample Date 08 Dec 2023 08 Dec 2023 Machine Hours 1000 1000 Oil Hours 0 0 Oil Changed Changed Changed NORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.2 13.5 10.2 Base Number (BN) mg KOH/g 10.7 Oxidation (PA) 85 90 % CONTAMINATION NEG % NEG Water

Soot %	%	0.5	0.8	 
Nitration (PA)	%	66	73	 
Sulfation (PA)	%	63	66	 
Glycol	%	NEG	NEG	 
Fuel	%	<1.0	<1.0	 
Silicon	ppm	6	7	 
Sodium	ppm	2	0	 
Potassium	ppm	■ <1	2	 

### WEAD

WLAR I	METALS			
Iron	ppm	<b>10</b>	38	 
Copper	ppm		1	 
Lead	ppm	<b>1</b>	<b></b> <1	 
Tin	ppm		<b></b> <1	 
Aluminum	ppm	3	4	 
Chromium	ppm		2	 
Molybdenum	ppm	<b>44</b>	44	 
Nickel	ppm	0	□ <1	 
Titanium	ppm	0	<b></b> < 1	 
Silver	ppm	0	0	 
Manganese	ppm	□ <1	<b></b> < 1	 
Vanadium	mag	<1	0	 

ADDITIVES							
Calcium	ppm	<b>1714</b>	1728				
Magnesium	ppm	543	524				
Zinc	ppm	1204	1128				
Phosphorus	ppm	957	965				
Barium	ppm	0	12				
Boron	ppm	33	28				



VCES- VOLVO CONSTRUCTION EQUIPMENT

22099 KNABE ROAD CORONA, CA US 92883 Contact: OSCAR DEL CAMPO oscar.delcampo@vcesvolvo.com T: (951)277-7620 F: (951)277-4550

#### 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.

 Depot:
 VOLVO4486

 Unique No:
 10795069

 Signed:
 Wes Davis

 Report Date:
 20 Dec 2023

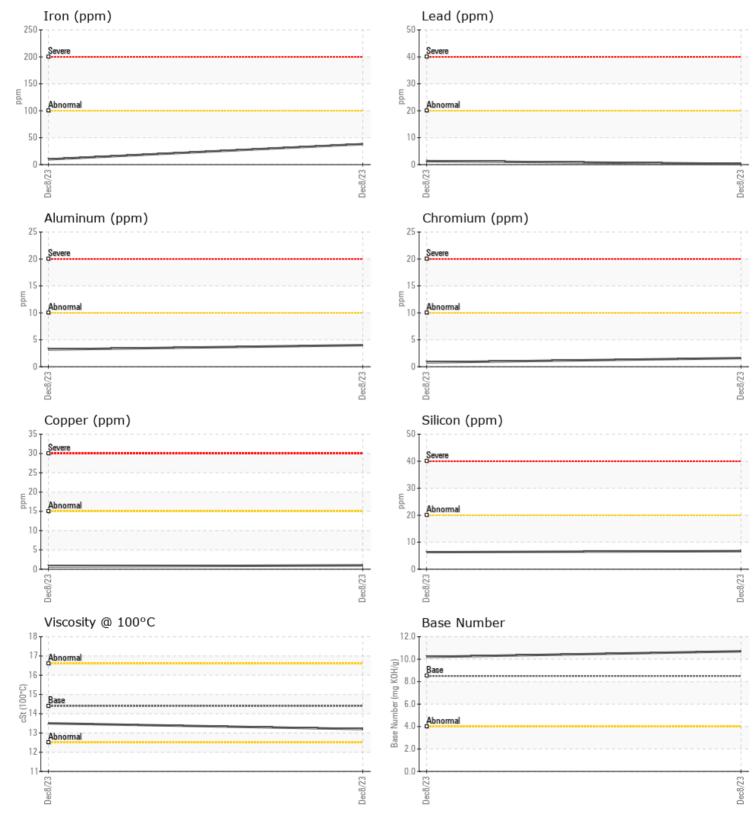
Contact/Location: OSCAR DEL CAMPO - VOLVO4486

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: OSCAR DEL CAMPO - VOLVO4486