CONSTRUCTION EQUIPMENT 703609 RENTALS VOLVO EC550EL 310086 - DIESEL ENGINE

Sample No:VCP445995Oil Type:VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3Job No:703609 RENTALS

VOLVO

## SAMPLE INFORMATION VCP445995 Sample Number VCP431662 Sample Date 09 May 2024 23 Oct 2023 Machine Hours 2410 936 Oil Hours 0 0 Oil Changed Changed Changed ATTENTION ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.0 10.5 7.0 Base Number (BN) mg KOH/g 4.4 Oxidation (PA) 76 % 67 CONTAMINATION % NEG Water NEG % Soot % 0.3 0.2

Nitration (PA)	%	72	88	 
Sulfation (PA)	%	58	66	 
Glycol	%	NEG	NEG	 
Fuel	%	<1.0	0.6	 
Silicon	ppm	<b>10</b>	42	 
Sodium	ppm	<b>□</b> <1	6	 
Potassium	ppm	2	6	 

WFAR METALS

WCAR I	METAL3			
Iron	ppm	8	21	 
Copper	ppm	<b>1</b> 4	201	 
Lead	ppm	<b>1</b>	2	 
Tin	ppm	2	4	 
Aluminum	ppm	2	5	 
Chromium	ppm		<1	 
Molybdenum	ppm	64	0100	 
Nickel	ppm	3	1	 
Titanium	ppm	<1	<1	 
Silver	ppm		0	 
Manganese	ppm	□<1	4	 
Vanadium	ppm	<1	<1	 

ADDITIVES							
Calcium	ppm	1131	2623				
Magnesium	ppm	945	71				
Zinc	ppm	<b>1206</b>	1443				
Phosphorus	ppm	<b>939</b>	1192				
Barium	ppm	0	0				
Boron	ppm	0	4				

ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL US 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 F: (954)583-0318

## 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 oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO0095

 Unique No:
 11035270

 Signed:
 Sean Felton

 Report Date:
 21 May 2024

Contact/Location: N. FACEY - VOLVO0095

Report Id: VOLVO0095 [WUSCAR] 06183944 (Generated: 05/21/2024 14:21:55) Rev: 1

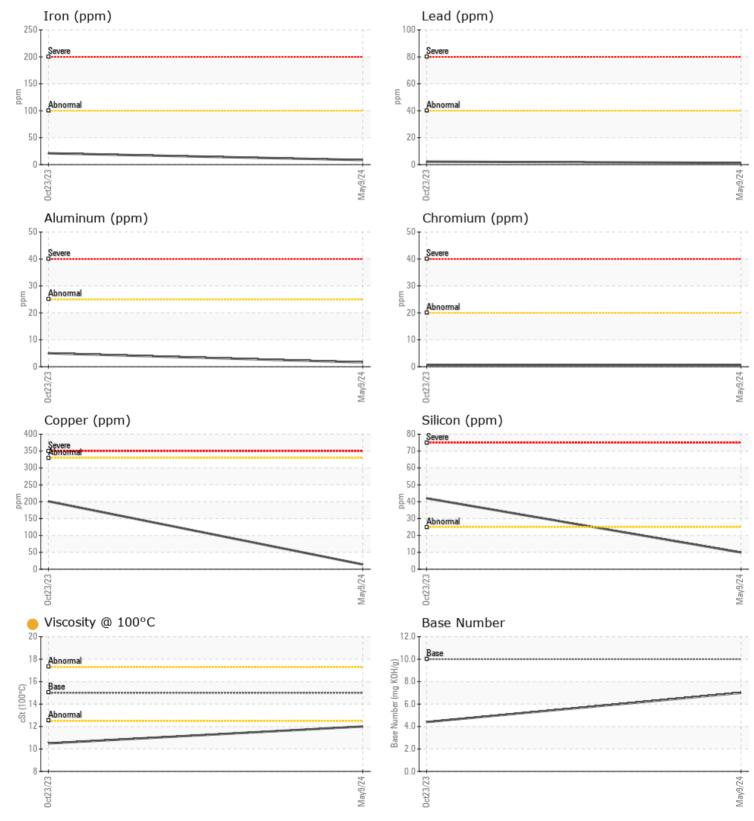
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: N. FACEY - VOLVO0095