CONSTRUCTION EQUIPMENT 353597 VOLVO EC350EL 314416 - DIESEL ENGINE



Sample No: VCP441900

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	353597

SAMPLE INFORMATION

Sample Number		VCP441900	 	
Sample Date		14 Sep 2023	 	
Machine Hours		1579	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.3	 	
Base Number (BN)	mg KOH/g	7.9	 	
Oxidation (PA)	%	76	 	
CONTAMIN	NATION			
Water	%	NEG	 	
Soot %	%	■0.1	 	
Nitration (PA)	%	71	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	1.3	 	
Silicon	ppm	7	 	
Sodium	ppm	3	 	

CALLANAN

RT 32 677 FLATBUSH RD EAST KINGSTON, NY US 12401 Contact:

Diagnosis

T: F:

> Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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.

WEAR METALS

ppm

■ <1

Potassium

WLAK I	METALS			
Iron	ppm	7	 	
Copper	ppm	<u> </u>	 	
Lead	ppm	 <1	 	
Tin	ppm	1	 	
Aluminum	ppm	1	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	46	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	

ADDITIVES Calcium 1873 ppm Magnesium 606 🔳 ppm Zinc ppm 1229 Phosphorus 981 🔲 ppm Barium 0 🔲 ppm 24 Boron ppm

Depot:CALEASUnique No:10649674Signed:Don BaldridgeReport Date:20 Sep 2023

Contact/Location: ? ? - CALEAS

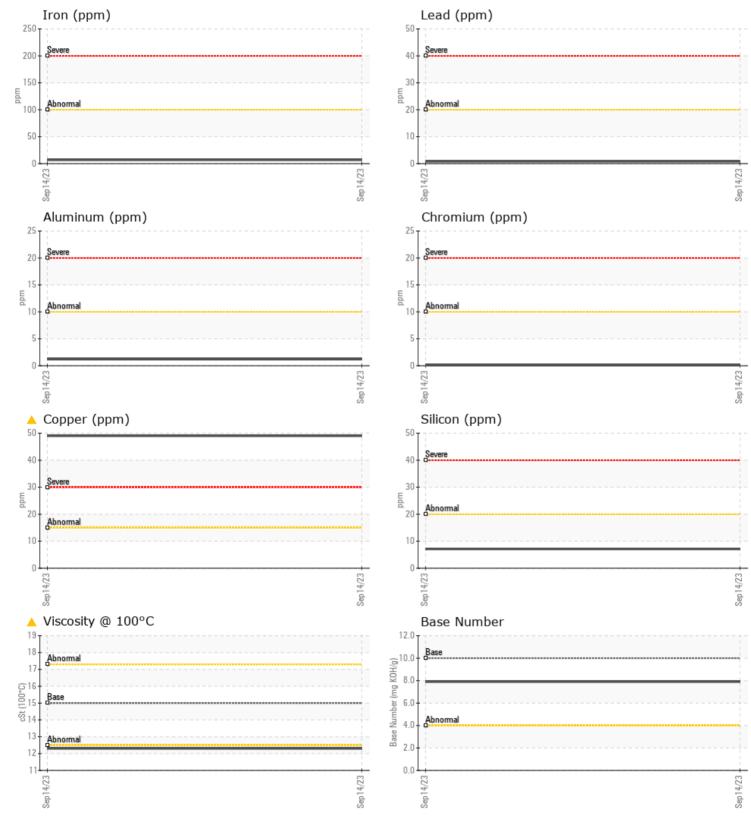
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: ? ? - CALEAS