

CONSTRUCTION EQUIPMENT VOLVO EC350EL 314600 - DIESEL ENGINE



Sample No: VCP436589

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

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Job No:

Zinc

Barium

Boron

Phosphorus

VOLVO				
SAMPLE I	NFORMATION			
Sample Number	-	VCP436589	 	
Sample Date		19 Feb 2024	 	
Machine Hours		764	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL COND				
Visc @ 100°C	cSt	10.6	 	
Base Number (BN)	5 5	8.9	 	
Oxidation (PA)	%	78	 	
VOLVO				
CONTAMI	NATION			
Water	%	NEG	 	
Soot %	%	0.5		
Nitration (PA)	%	63	 	
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	0.8	 	
Silicon	ppm	2 1	 	
Sodium	ppm	3	 	
Potassium	ppm	■ <1	 	
VOLVO				
VEAR ME	TALS			
Iron	ppm	11	 	
Copper	ppm	<u> </u>	 	
Lead	ppm	3	 	
Tin	ppm	1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	82	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	
	Phili	v		
VOLVO			 	
ADDITIVE	.5			
Calcium	ppm	2062	 	
Magnesium	ppm	161	 	



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

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. Please specify the brand, type, and viscosity of the oil on your next sample. 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). All other metal levels are typical for a new component breaking in. 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:
 10887544

 Signed:
 Don Baldridge

 Report Date:
 22 Feb 2024

Report Id: VOLVO0090 [WUSCAR] 06094691 (Generated: 02/23/2024 14:22:12) Rev: 1

1279

1025

0 🔲

15

ppm

ppm

ppm

ppm

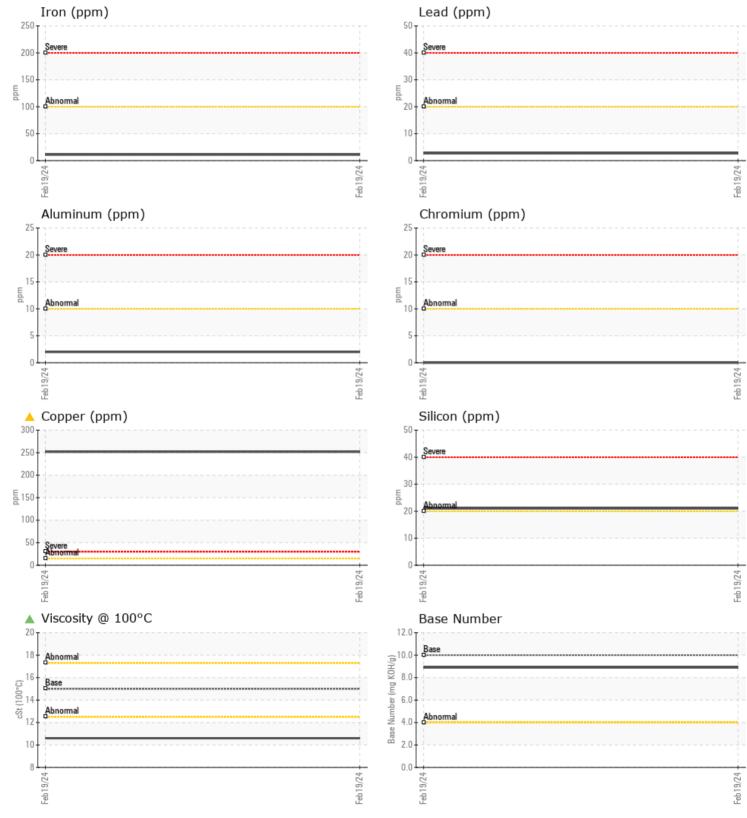
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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