

CONSTRUCTION EQUIPMENT VOLVO ECR355EL 314257 - DIESEL ENGINE



Sample No: VCP0007369

Oil Type: DIESEL ENGINE OIL SAE 40

Job No:

Barium

Boron

VOLVO				
	INFORMATION			
Sample Number		VCP0007369	VCP362455	
Sample Date		25 Sep 2023	16 Mar 2022	
Machine Hours		493	493	
Oil Hours		493	493	
Oil Changed		N/A	Changed	
Sample Status		NORMAL	NORMAL	
VOLVO				
V OIL COND			<u> </u>	
Visc @ 100°C	cSt	12.8	12.9	
Base Number (BN)	mg KOH/g	9.8	6.7	
Oxidation (PA)	%	81	43	
CONTAMI	NATION			
Soot %	%	0.1	0.1	
Nitration (PA)	%	64	58	
Sulfation (PA)	%	59	48	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	■ 6	17	
Sodium	ppm	2	4	
Potassium	ppm	4	5	
	ppiii			
VOLVO				
VEAR MI	ETALS			
Iron	ppm	1 9	22	
Copper	ppm	5	30	
Lead	ppm	1	4	
Tin	ppm	1	3	
Aluminum	ppm	6	15	
Chromium	ppm	■ <1	1	
Molybdenum	ppm	45	5	
Nickel	ppm	0	10	
Titanium	ppm	 <1	 <1	
Silver	ppm	0	2	
Manganese	ppm	■ <1	2	
Vanadium	ppm	0	0	
		_ 400 ⁻		
Calcium	ppm	1824	2300	
Magnesium	ppm	536	320	
Zinc	ppm	1221	1204	
Phosphorus	ppm	958	1127	

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12



ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY JACKSONVILLE, FL US 32256 Contact: SHAWN NORTHCRAFT shawn.northcraft@altg.com T: (904)737-6000 F: (904)737-1260

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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:
 VOLVO0092

 Unique No:
 10669765

 Signed:
 Wes Davis

 Report Date:
 29 Sep 2023

Submitted By: TECHNICIAN ACCOUNT

Report Id: VOLVO0092 [WUSCAR] 05963214 (Generated: 09/29/2023 11:28:28) Rev: 1

ppm

ppm

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29

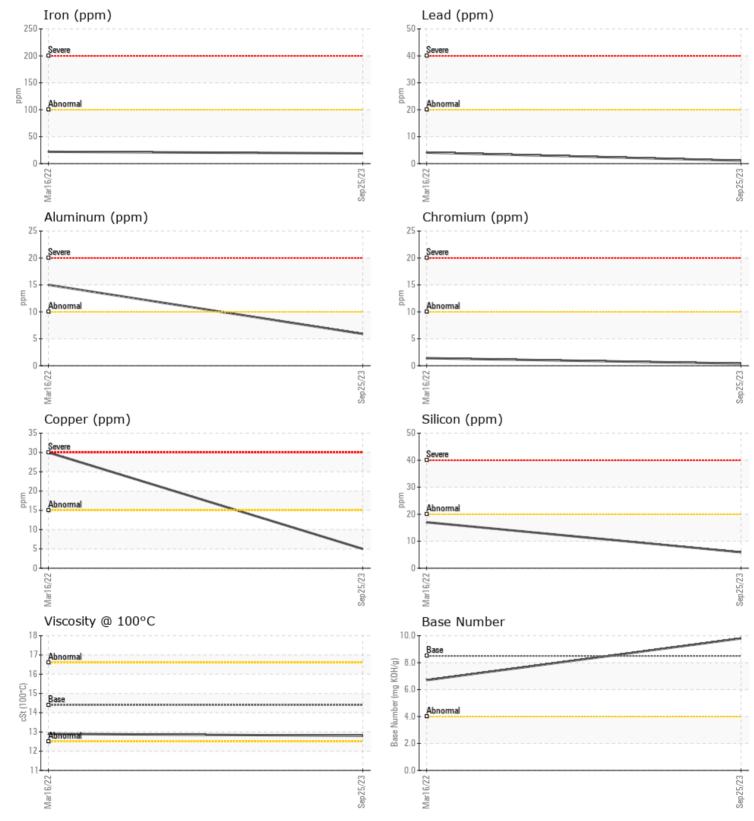
Page 1 of 2

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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