

CONSTRUCTION EQUIPMENT VOLVO ECR355EL 314256 - DIESEL ENGINE



Sample No: VCP0007374

Oil Type: DIESEL ENGINE OIL SAE 40

Job No:

Phosphorus

Barium

Boron

	NFORMATION			 <u>.</u>
Sample Number		VCP0007374	VCP362453	
Sample Date		25 Sep 2023	17 Mar 2022	
Machine Hours		592	592	
Oil Hours		592	592	
Oil Changed		N/A	Changed	
Sample Status		NORMAL	NORMAL	
VOLVO				
OIL CONDI	TION			
Visc @ 100°C	cSt	12.7	12.9	
Base Number (BN)		9.9	6.5	
		81		
Oxidation (PA)	%	01	45	
VOLVO				
🤍 Contamin	NATION			
Soot %	%	0.1	0.1	
Nitration (PA)	%	64	59	
Sulfation (PA)	%	59	51	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	6	15	
Sodium	ppm	2	4	
Potassium	ppm	8	5	
	PP			
VOLVO				
VEAR ME	TALS			
Iron	ppm	15	21	
Copper	ppm	6	26	
Lead	ppm	1	4	
Tin	ppm	1	3	
Aluminum	ppm	4	7	
Chromium	ppm	■ <1	1	
Molybdenum	ppm	44	3	
Nickel	ppm	0	10	
Titanium	ppm	0	 < 1	
Silver	ppm	0	2	
Manganese	ppm	 <1	2	
Vanadium	ppm	0	0	
	r			
Calcium	ppm	1832	2279	
Magnesium	ppm	538	301	
Zinc	ppm	1231	1221	
DI I			-1100	

1126

0

18



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:
 10669766

 Signed:
 Wes Davis

 Report Date:
 29 Sep 2023

Submitted By: TECHNICIAN ACCOUNT

Report Id: VOLVO0092 [WUSCAR] 05963215 (Generated: 09/29/2023 11:28:20) Rev: 1

965

0 🔲

28

ppm

ppm

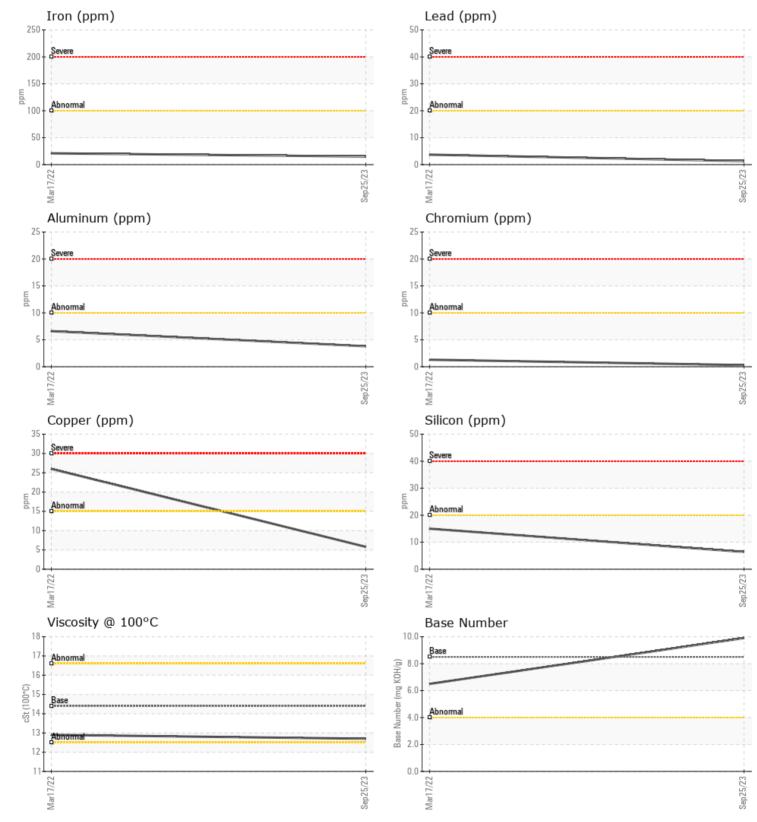
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0092 [WUSCAR] 05963215 (Generated: 09/29/2023 11:28:23) Rev: 1

Submitted By: TECHNICIAN ACCOUNT