

# CONSTRUCTION EQUIPMENT VOLVO ECR235EL 314118 - DIESEL ENGINE

SAE 15W40



## **Sample No:** VCP0008109

Oil Type: DIE	SEL ENGINE OIL
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Job No:

Zinc

Barium

Boron

Phosphorus

	NFORMATION				
	AI ONMATION	VCP0008109	NCD200120	<u>.</u>	
Sample Number			VCP300139		
Sample Date		09 Nov 2023	12 May 2021		
Machine Hours		522	522		
Oil Hours		522	522		
Oil Changed		N/A	Changed		
Sample Status		NORMAL	NORMAL		
VOLVO					
🔰 OIL CONDI	TION				
Visc @ 100°C	cSt	14.1	13.7		
Base Number (BN)		9.7			
Oxidation (PA)	%	54	62		
	,	•	01		
VOLVO					
CONTAMIN	NATION				
Soot %	%	0.1	0.1		
Nitration (PA)	%	47	65		
Sulfation (PA)	%	49	56		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	< 1.0		
Silicon	ppm	6	10		
Sodium	ppm	0	3		
Potassium	ppm	<b>1</b>	3		
WEAR ME	TALS				
Iron	ppm	27	17		
Copper	ppm	0	7		
Lead	ppm	2	<1		
Tin	ppm		2		
Aluminum	ppm	3	8		
Chromium	ppm	<b>□</b> <1	1		
Molybdenum	ppm	<b>6</b> 1	15		
Nickel	ppm		6		
Titanium	ppm	0	□ <1		
Silver	ppm	0	<1		
Manganese	ppm	■<1	3		
Vanadium	ppm	0	0		
VOLVO					
	7				
Calcium	ppm	🔲 1049	1996		
Magnesium	ppm	944	215		

1015

916

0

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#### 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 components first oil change. 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:
 10739043

 Signed:
 Doug Bogart

 Report Date:
 13 Nov 2023

Submitted By: TECHNICIAN ACCOUNT

ppm

ppm

ppm

ppm

1288

1065

0 🔲

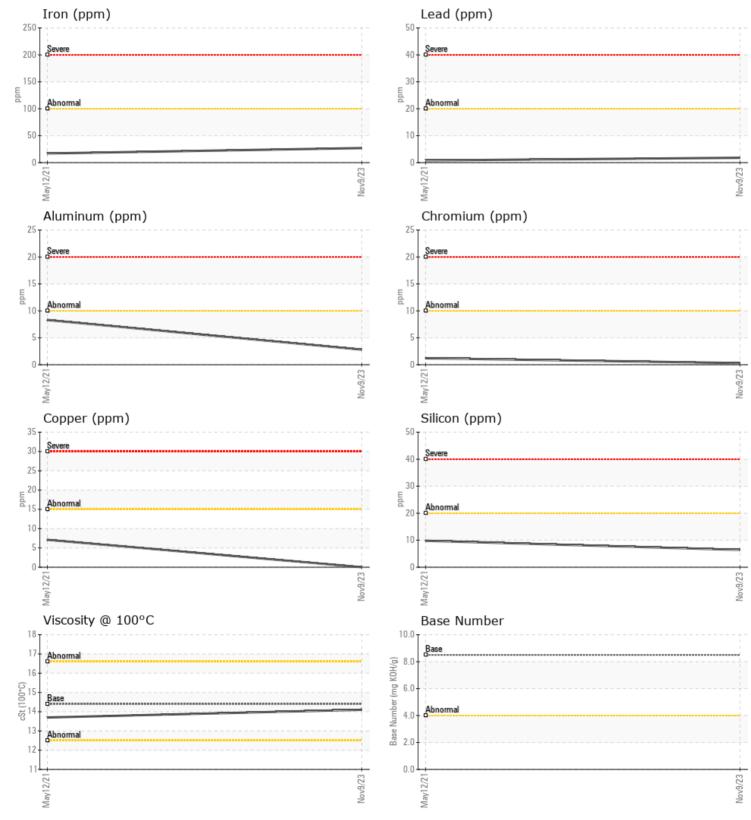
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# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0092 [WUSCAR] 06005281 (Generated: 11/14/2023 08:50:00) Rev: 2

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