

CONSTRUCTION EQUIPMENT PATIN CONSTRUCTION VOLVO ECR58D 210679 - DIESEL ENGINE

Sample No: VCP424728 **Oil Type:** CHEVRON 15W40 Job No: PATIN CONSTRUCTION

	 -	٤.

Vanadium

Calcium

Zinc Phosphorus

Barium

Boron

Magnesium

ppm

ppm

ppm ppm

ppm

ppm

ppm

ADDITIVES

	FORMATION		 	
Sample Number		VCP424728	 	
Sample Date		21 Sep 2023	 	
Machine Hours		3080	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
Sample Status		JEVERE	 	
VOLVO				
OIL CONDI	TION			
Visc @ 100°C	cSt	6.1	 	
Base Number (BN)	mg KOH/g	29.3	 	
Oxidation (PA)	%	92	 	
CONTAMIN				
	-		 	<u></u>
Soot %	%	0.2	 	
Nitration (PA)	%	162	 	
Sulfation (PA)	%	17	 	
Glycol	%	NEG	 	
Fuel	%	44.9	 	
Silicon	ppm	7	 	
Sodium	ppm	▲ 243	 	
Potassium	ppm	<u> </u>	 	
VOLVO				
WEAR ME	TALS			
Iron	ppm	9	 	
Copper	ppm	<1	 	
Lead	ppm	0	 	
Tin	ppm	2	 	
Aluminum	ppm	3	 	
Chromium	ppm		 	
Molybdenum	ppm	64	 	
Nickel	ppm	□ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
		-		



ROMCO INC - AUSTIN BRANCH

1150 WEST OLD SETTLERS BOULEVARD ROUNDROCK, TX US 78681 Contact: ED MAYES EMAYES@ROMCO.COM T: (737)204-9402 F: (512)388-2673

Diagnosis

We advise that you check the fuel injection system. We advise that you check for the source of the coolant leak. Check for low coolant level. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. Sodium and/or potassium levels are high. There is a high amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: Unique No: Signed: Report Date:

VOLVO0088 10659628 Jonathan Hester 26 Sep 2023

780

303

519

416

196

0 🔲

Report Id: VOLVO0088 [WUSCAR] 05958415 (Generated: 09/26/2023 14:46:08) Rev: 1

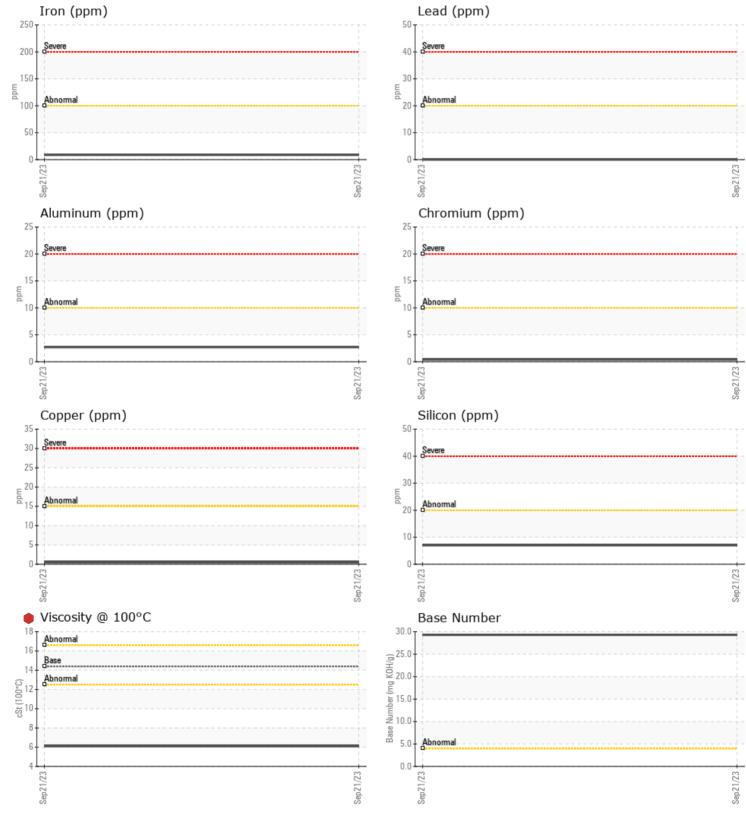
Contact/Location: ED MAYES - VOLVO0088

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0088 [WUSCAR] 05958415 (Generated: 09/26/2023 14:46:14) Rev: 1

Contact/Location: ED MAYES - VOLVO0088