CONSTRUCTION EQUIPMENT 813638 VOLVO ECR235EL 310702 - FRONT LEFT FINAL DRIVE

Sample No:	VCP350442		
Oil Type:	GEAR OIL SAE 80W140		
Job No:	813638		

SAMPLE INFORMATION

Magnesium

Phosphorus

Zinc

Barium

Boron

ppm

ppm

ppm

ppm

ppm

VOLVO

Sample Number		VCP350442	 	
Sample Date		02 Mar 2022	 	
Machine Hours		3512	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL COND	DITION			
Visc @ 40°C	cSt	271	 	
CONTAM	INATION			
Water	%	NEG	 	
Silicon	ppm	A 209	 	
Sodium	ppm	0	 	
Potassium	ppm	3	 	
WEAR M	Γ ΤΛΙ ς			
<u> </u>				
Iron	ppm	▲ 1539	 	
Copper	ppm	1	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	28	 	
Chromium	ppm	<u> </u>	 	
Molybdenum	ppm	6	 	
Nickel	ppm	4	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	1 5	 	
Vanadium	ppm	<1	 	
ADDITIVI	ES			
Calcium	ppm	52	 	



ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO8885		
Unique No:	9878408		
Signed:	Don Baldridge		
Report Date:	09 Mar 2022		
Contact/Location: DAVE ENG - VOLVO8885			

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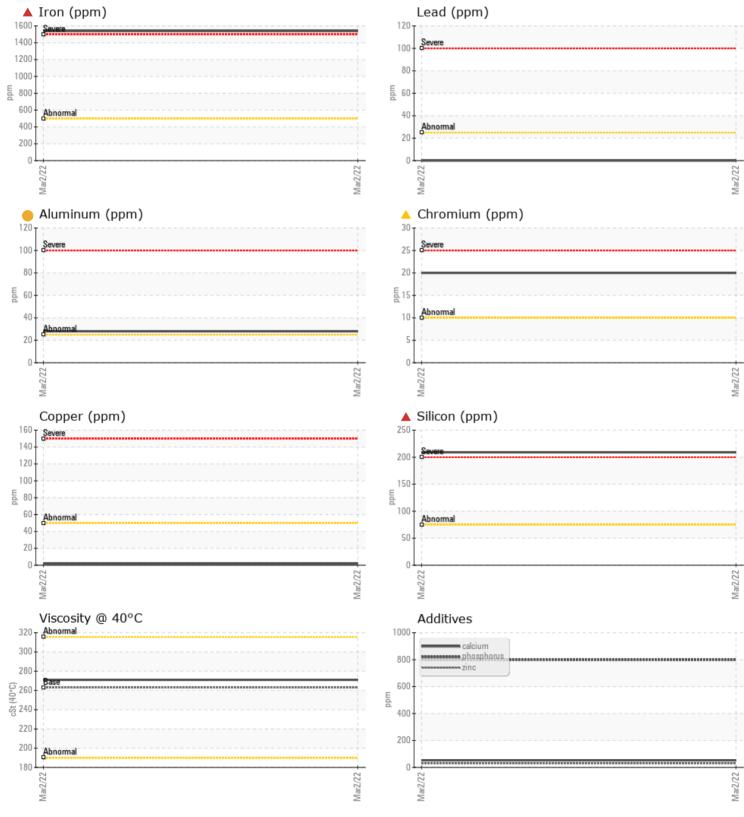
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: DAVE ENG - VOLVO8885