CONSTRUCTION EQUIPMENT 699923 VOLVO ECR235EL 310702 - REAR RIGHT FINAL DRIVE

Sample No:	VCP336219
Oil Type:	GEAR OIL SAE 85W140
Job No:	699923

SAMPLE INFORMATION

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

VOLVO

Sample Number	-	VCP336219	 	
Sample Date		20 Sep 2021	 	
Machine Hours		3512	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
OIL CONDI	TION			
Visc @ 40°C	cSt	264	 	
Contamii	NATION		 	
Water	%	NEG	 	
Silicon	ppm	4 1089	 	
Sodium	ppm	2	 	
Potassium	ppm	5	 	
WEAR ME	TALS			
Iron	ppm	6276	 	
Copper	ppm	6	 	
Lead	ppm	∎1	 	
Tin	ppm	∎1	 	
Aluminum	ppm	6 53	 	
Chromium	ppm	4 93	 	
Molybdenum	ppm	1 3	 	
Nickel	ppm	7	 	
Titanium	ppm	4	 	
Silver	ppm	<1	 	
Manganese	ppm	56	 	
Vanadium	ppm	<1	 	
ADDITIVE	S			



ALTA EQUIPMENT CO - ORLAND PARK

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

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron and chrome levels are severe. 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:	9669896	
Signed:	Don Baldridge	
Report Date:	23 Sep 2021	
Contact/Location: DAVE ENG - VOLVO8885		

52

8

24

371

0 🔲

38

ppm

ppm

ppm

ppm

ppm

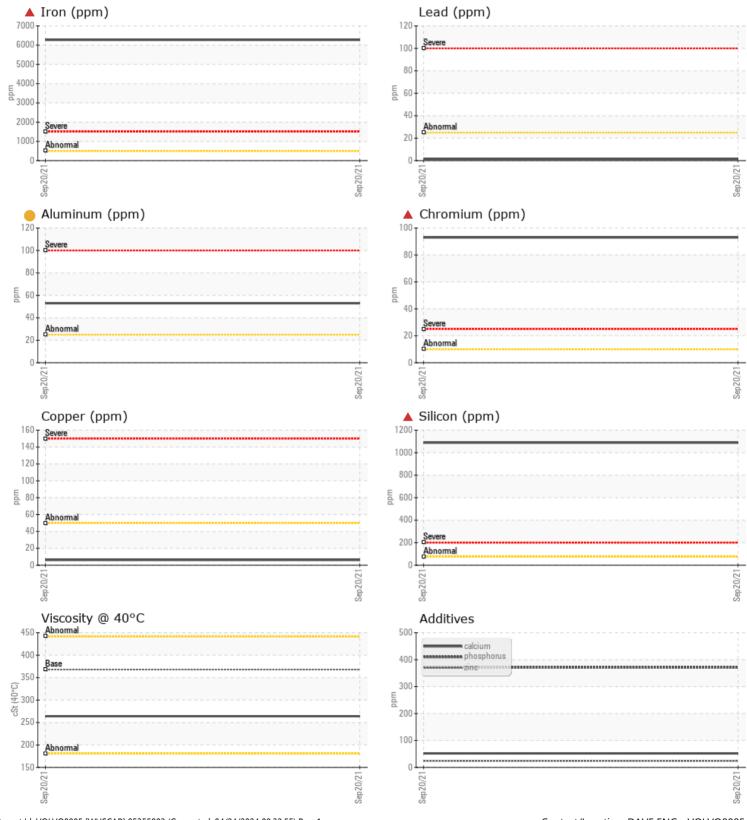
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 05355803 (Generated: 04/24/2024 08:32:55) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885