

CONSTRUCTION EQUIPMENT VOLVO EC300EL 315163 - RIGHT FINAL DRIVE



Sample No: VCP369931

Oil Type:	
-----------	--

VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

Boron

ppm

	INFORMATION			
Sample Number		VCP369931	 	
Sample Date		05 Sep 2023	 	
Machine Hours		1913	 	
Oil Hours		1913	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
OIL CON				
Visc @ 40°C	cSt	298	 	
VOLVO				
CONTAM	MINATION			
Silicon	ppm	• 584	 	
Sodium	ppm	1 0	 	
Potassium	ppm	65	 	
VOLVO	AFTALC			
V WEAR N	ICTALS		 	
Iron	ppm	2174	 	
Copper	ppm	4	 	
Lead	ppm	0	 	
Гin	ppm	0	 	
Aluminum	ppm	A 176	 	
Chromium	ppm	9 35	 	
Molybdenum	ppm	3	 	
Nickel	ppm	2	 	
Titanium	ppm	11	 	
Silver	ppm	0	 	
Manganese	ppm	20	 	
Vanadium	ppm	<1	 	
	/ES		 	
Calcium	ppm	17	 	
Magnesium	ppm	12	 	
Zinc	ppm	8	 	
Phosphorus	ppm	894	 	
Barium	ppm	0	 	
Davan		- 115		



McClung-Logan Virginia LLC PO BOX 1158 WISE, VA US 24293 Contact: DANNY BARRINGTON dbarrington@mcclung-logan.com T:

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.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:	VOLVO8881
Unique No:	10648247
Signed:	Doug Bogart
Report Date:	18 Sep 2023

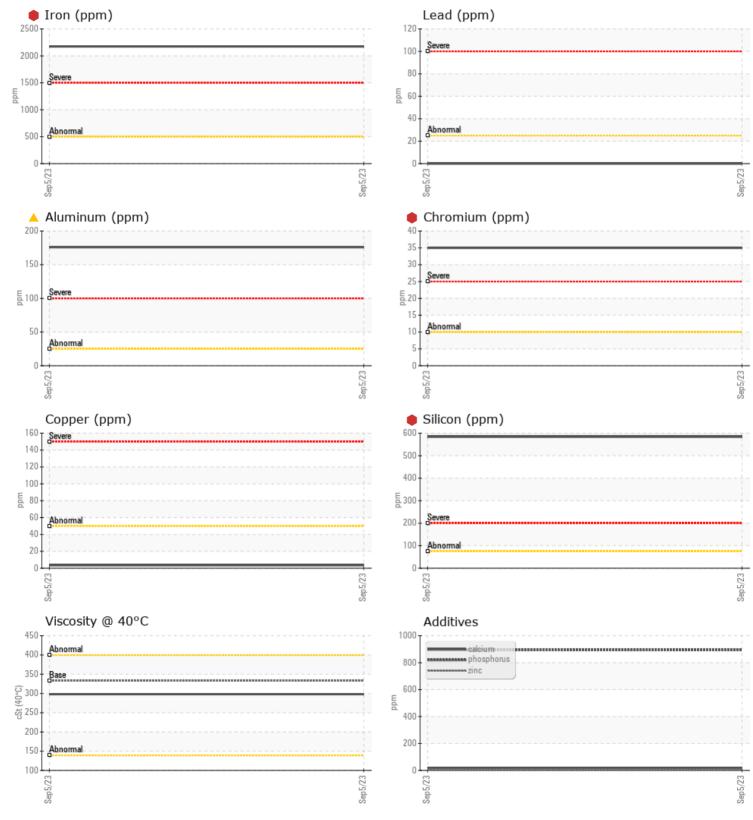
115

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8881 [WUSCAR] 05952288 (Generated: 09/18/2023 21:00:47) Rev: 1

Contact/Location: DANNY BARRINGTON - VOLVO8881