

CONSTRUCTION EQUIPMENT TERRAMAC RT 14R 14RH00163 - REAR RIGHT FINAL DRIVE



Sample No: VCP405068

Oil Type:	
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VOLVO PREMIUM GEAR OIL 80W-90 GL-5

Job No:

Boron

SAMPLE	E INFORMATION			
Sample Number	-	VCP405068	 	
Sample Date		01 May 2023	 	
Machine Hours		2501	 	
Oil Hours		250	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 40°C	cSt	147	 	
VOLVO CONTAN	MINATION			
Silicon	ppm	423	 	
Sodium	ppm	9	 	
Potassium	ppm	21	 	
VOLVO				
🤍 WEAR N	METALS			
Iron	ppm	6688	 	
Copper	ppm	2387	 	
Lead	ppm	• 119	 	
Tin	ppm	237	 	
Aluminum	ppm	5 8	 	
Chromium	ppm	9 59	 	
Molybdenum	ppm	39	 	
Nickel	ppm	11	 	
Titanium	ppm	4	 	
Silver	ppm	<1	 	
Manganese	ppm	38	 	
Vanadium	ppm	<1	 	
	VES			
Calcium	ppm	51	 	
Magnesium	ppm	28	 	
Zinc	ppm	69	 	
Phosphorus	ppm	1401	 	
Barium	ppm	8	 	



ALTA EQUIPMENT

2500 WESTWARD DR SPRING GROVE, IL US 60081 Contact: EVAN RICKERT evan.richert@altg.com T: E:

Diagnosis

dvise that you check all areas e dirt can enter the system. The nange at the time of sampling been noted. We advise that you ect for the source(s) of Moderate concentration of le metal present. Gear wear is ated. Bearing and/or bushing is indicated. Generally an ormal to severe rate of wear ighout the component. ental levels of silicon (Si) and inum (Al) indicate aluminate (coarse dirt) ingress. The oil is onger serviceable due to the ence of contaminants.

Depot:	ALTSPR
Unique No:	10454409
Signed:	Don Baldridge
Report Date:	04 May 2023

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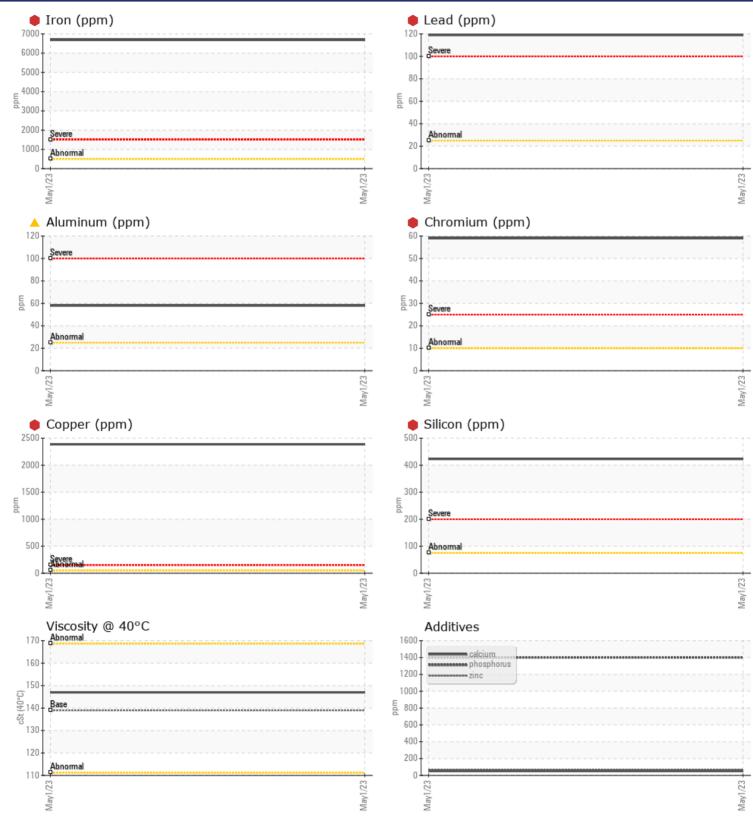
ppm

CONSTRUCTION EQUIPMENT





VOLVO



Report Id: ALTSPR [WUSCAR] 05835606 (Generated: 09/08/2023 11:24:35) Rev: 1

Contact/Location: EVAN RICKERT - ALTSPR