

### **CONSTRUCTION EQUIPMENT** VOLVO EC750EL 310167 - BOGIE/CENTER LEFT FINAL DRIVE



#### Sample No: VCP411652

Oil Type:	
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#### VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

	INFORMATION			
Sample Number		VCP411652	 	
Sample Number		08 Aug 2023	 	
Machine Hours		5061	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
Sample Status		ADRORMAL		
OIL CON	DITION			
Visc @ 40°C	cSt	204	 	
VOLVO			 	 _
	MINATION			
Silicon	ppm	<b>A</b> 111	 	
Sodium	ppm	2	 	
Potassium	ppm	4	 	
VOLVO				
WEAR N	IETALS			
Iron	ppm	<b>A</b> 780	 	
Copper	ppm		 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	<b>1</b> 3	 	
Chromium	ppm	3	 	
Molybdenum	ppm	0	 	
Nickel	ppm	<b>■</b> <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	6	 	
Vanadium	ppm	0	 	
	/ES			
Calcium	ppm	24	 	
Magnesium	ppm	<b>11</b>	 	
Zinc	ppm	<b>15</b>	 	
Phosphorus	ppm	874	 	
Barium	ppm	0	 	
Boron	ppm	84	 	



McClung-Logan Virginia LLC

2025 COOK DRIVE SALEM, VA US 24153 Contact: CHRIS BLANKENSHIP cblankenship@mcclung-logan.com T:

#### Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.Gear wear is indicated. All other component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

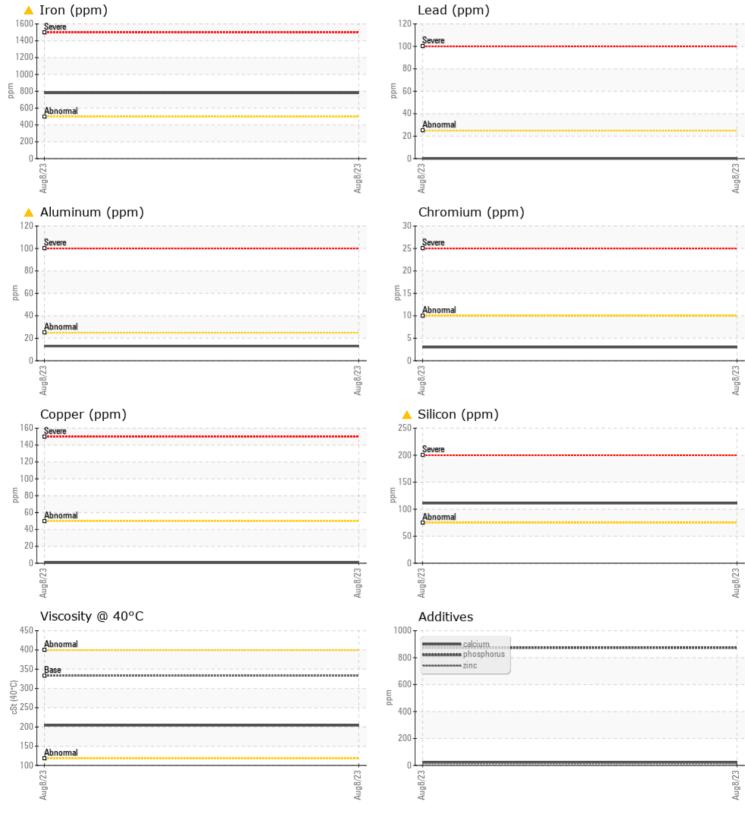
Depot:VOLVO9010Unique No:10606345Signed:Don BaldridgeReport Date:17 Aug 2023

## **CONSTRUCTION EQUIPMENT**



# GRAPHS

VOLVO



Report Id: VOLVO9010 [WUSCAR] 05926398 (Generated: 08/17/2023 16:42:44) Rev: 1

Contact/Location: CHRIS BLANKENSHIP - VOLVO9010