CONSTRUCTION EQUIPMENT 3260B0 FLYWAY VOLVO EC250EL 314125 - REAR LEFT FINAL DR

Sample No: VCP359101

VOLVO

Oil Type:	VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:	3260BO FLYWAY

SAMPLE INFORMATION VCP359101 Sample Number Sample Date 13 Mar 2023 Machine Hours 498 Oil Hours 0 Oil Changed Changed SEVERE Sample Status **OIL CONDITION** Visc @ 40°C cSt 187 CONTAMINATION Silicon ppm 1126 Sodium 31 ppm Potassium 53 ppm

WEAR METALS					
Iron	ppm	• 1984			
Copper	ppm	2			
Lead	ppm	 <1			
Tin	ppm	 <1			
Aluminum	ppm	<u> </u>			
Chromium	ppm	9 28			
Molybdenum	ppm	4			
Nickel	ppm	4			
Titanium	ppm	25			
Silver	ppm	0			
Manganese	ppm	23			
Vanadium	ppm	1			

	AL7			
Calcium	ppm	45	 	
Magnesium	ppm	36	 	
Zinc	ppm	5	 	
Phosphorus	ppm	423	 	
Barium	ppm	0	 	
Boron	ppm	1	 	



HIGHWAY EQUIPMENT AND SUPPLY CO

200 BURKHOLDER DR. EPHRATA, PA US 17522 Contact: CHAD HERRON chad@hwyequip.com T: (717)859-3132 F: (717)859-2698

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 recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

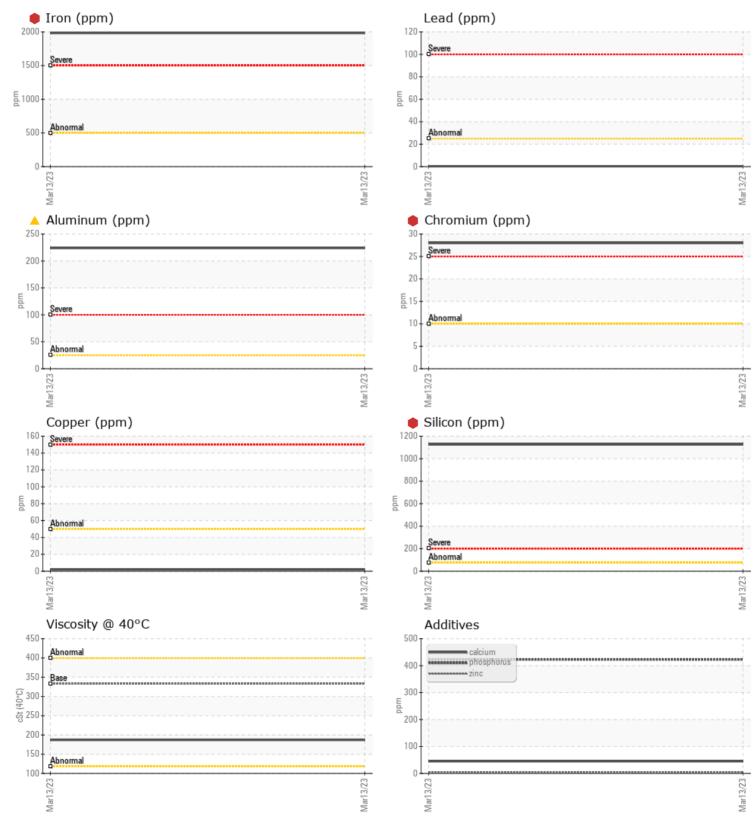
Depot:	INSEPH
Unique No:	10387711
Signed:	Don Baldridge
Report Date:	24 Mar 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: CHAD HERRON - INSEPH