

CONSTRUCTION EQUIPMENT VOLVO EC350EL 314117 - FRONT LEFT FINAL DRIVE



Sample No: VCP424062

Oil Type:	
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VOLVO SUPER GEAR OIL 75W-80-GO102

Job No:

SAMPL	E INFORMATION	l		
Sample Number		VCP424062		
Sample Date		04 Oct 2023		
Machine Hours		4656		
Oil Hours		101		
Oil Changed		Changed		
Sample Status		SEVERE		
OIL CON	DITION			
Visc @ 40°C	cSt	61.2		
	MINATION			
			_	
Silicon	ppm	442		
Sodium	ppm	5		
Potassium	ppm	8		
VOLVO				
	METALS			
Iron	ppm	• 1569		
Copper	ppm	2		
Lead	ppm	 <1		
Tin	ppm	0		
Aluminum	ppm	<u> </u>		
Chromium	ppm	🔺 12		
Molybdenum	ppm	2		
Nickel	ppm	2		
Titanium	ppm	6		
Silver	ppm	0		
Manganese	ppm	9		
Vanadium	ppm	<1		
ADDITI	VES			
Calcium	ppm	44		
Magnesium	ppm	7		
Zinc	ppm	37		
Phosphorus	ppm	2083		
Barium	ppm	0		
Boron	ppm	34		



365 - ASCENDUM MACHINERY INC - SAVANNAH

1627 DEAN FOREST RD SAVANNAH, GA US 31408 Contact: NATHAN WAYMENT nathan.wayment@ascendummachinery.com T: F: (912)964-9515

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 level is severe for time on oil. 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.

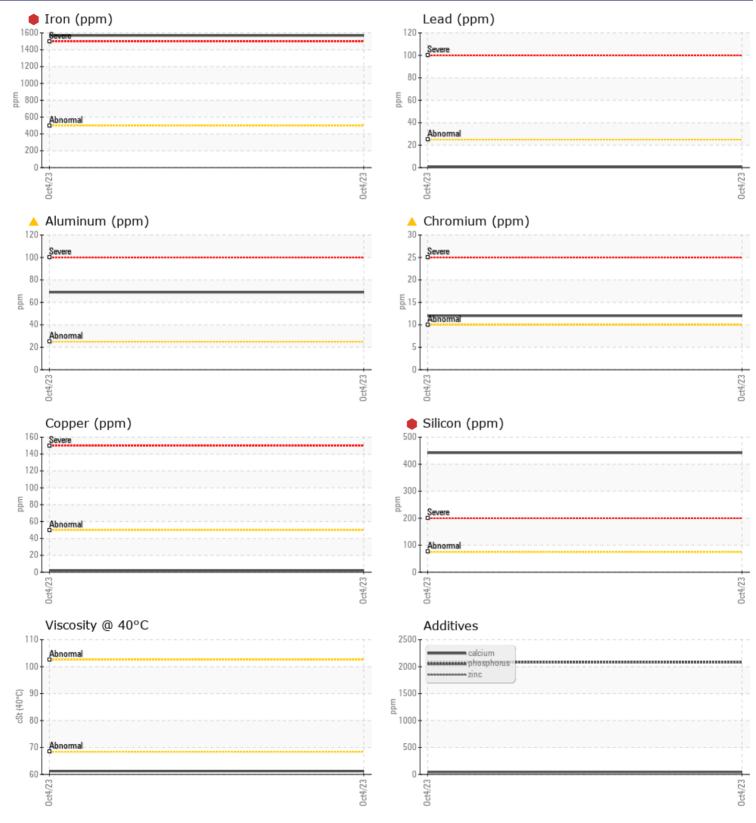
Depot:	VOLVO8531
Unique No:	10682946
Signed:	Don Baldridge
Report Date:	10 Oct 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: NATHAN WAYMENT - VOLVO8531