

CONSTRUCTION EQUIPMENT VOLVO EC350EL 314117 - FRONT RIGHT FINAL DRIVE



Sample No: VCP412913

Oil Type:

VOLVO SUPER GEAR OIL 75W-80-GO102

Job No:

Boron

ppm

VOLVO				
	INFORMATION	<u>.</u>	<u></u>	-
Sample Number		VCP412913		
Sample Date		04 Oct 2023		
Machine Hours		4656		
Oil Hours		101		
Oil Changed		Not Changd		
Sample Status		SEVERE		
VOLVO				
ÖLÖÖ OIL CON	DITION			
Visc @ 40°C	cSt	62.9		
	001	02.5		
VOLVO				
CONTAM	IINATION			
Water	%	1.48		
Silicon	ppm	022		
Sodium	ppm	8		
Potassium	ppm	4		
WEAR M	IFTAI S			
<u> </u>				
Iron	ppm	▲ 954		
Copper	ppm	2		
Lead	ppm	0		
Tin	ppm	0		
Aluminum	ppm	▲ 71		
Chromium	ppm	▲ 11		
Molybdenum	ppm	1		
Nickel	ppm	2		
Titanium Ciluar	ppm	3		
Silver	ppm	0		
Manganese	ppm	■ 6		
Vanadium	ppm	<1		
VOLVO				
💓 ADDITIV	ES			
Calcium	ppm	1 7		
Magnesium	ppm	3		
Zinc	ppm	27		
Phosphorus	ppm	2240		
Barium	ppm	0		
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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. We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. 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. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO8531		
Unique No:	10682947		
Signed:	Doug Bogart		
Report Date:	15 Oct 2023		

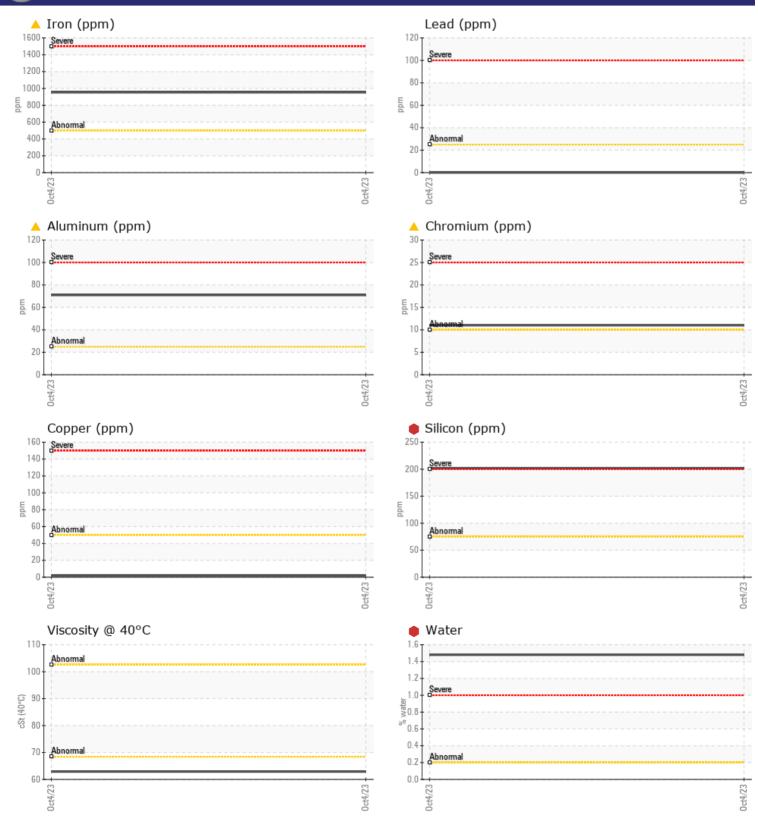
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: NATHAN WAYMENT - VOLVO8531