

CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY/500 HOUR CSA VOLVO EC160E 1805 (S/N 310187) - FRONT RIGHT FINAL DRIVE/

Sample No:	VCP412405
Oil Type:	GEAR OIL SAE 80

Job No:

VOLVO		N		
	INFORMATIO		<u>.</u>	-
Sample Number		VCP412405		
Sample Date		21 Jul 2023		
Machine Hours		4937		
Oil Hours		0		
Oil Changed		Changed		
Sample Status		ABNORMAL		
OIL CON				
		<u>.</u>	<u> </u>	
Visc @ 40°C	cSt	60.0		
VOLVO				
CONTAN	INATION			
Silicon		118		
Sodium	ppm	7		
	ppm			
Potassium	ppm	■ <1		
VOLVO				
WEAR M	NETALS			
Iron	ppm	658		
Copper	ppm			
Lead	ppm	0		
Tin	ppm	0		
Aluminum	ppm	▲ 51		
Chromium	ppm	▲ 14		
Molybdenum	ppm	4		
Nickel	ppm	0		
Titanium	ppm	4		
Silver	ppm	0		
Manganese	ppm	8		
Vanadium	ppm	<1		
	PPIII	••		
VOLVO				
ADDITIN	/ES			
Calcium	ppm	31		
Magnesium	ppm	10		
Zinc	ppm	35		
Phosphorus	ppm	2287		
Barium	ppm	0		
Boron	ppm	215		



TRIANGLE GRADING AND PAVING INC

1521 Huffman Mill Rd BURLINGTON, NC US 27216 Contact: KAREN HILLIARD khilliard@trianglegradingpaving.com T: (336)584-1745 F: (336)584-0145

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. Resample at the next service interval to monitor.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

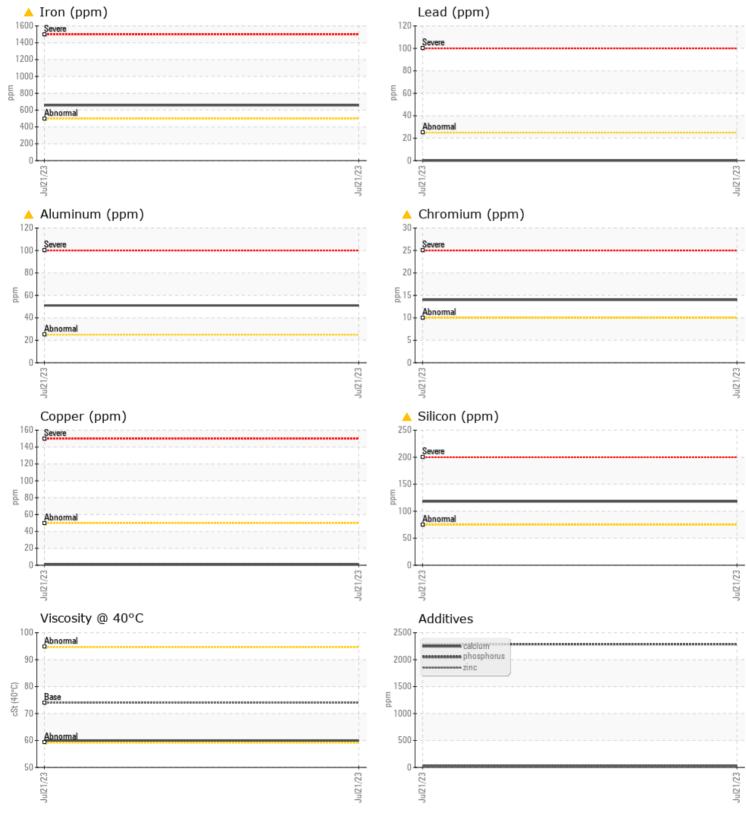
Depot:	TRIBUR
Unique No:	10573572
Signed:	Don Baldridge
Report Date:	27 Jul 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: KAREN HILLIARD - TRIBUR