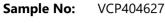
CONSTRUCTION EQUIPMENT 23664 VOLVO EC350 314351 - REAR RIGHT FINAL DRIVE



VOLVO

Oil Type:	VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:	23664

	INFORMATION			
Sample Number		VCP404627	 	
Sample Date		30 Jun 2023	 	
Machine Hours		1914	 	
Oil Hours		2000	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 40°C	cSt	185	 	
VOLVO				
	IINATION			
Silicon	ppm	407	 	
Sodium	ppm	1	 	
Potassium	ppm	3	 	
VOLVO WEAD M				
V WEAR M	ETALS			
Iron	ppm	A 1287	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	🔺 57	 	
Chromium	ppm	027	 	
Molybdenum	ppm	3	 	
Nickel	ppm	2	 	
Titanium	ppm	7	 	
Silver	ppm	0	 	
Manganese	ppm	1 4	 	
Vanadium	ppm	<1	 	
VOLVO				
ADDITIV	F2			
Calcium	ppm	9	 	
Magnesium	ppm	2	 	
Zinc	ppm	0	 	



218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

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:	VOLVO3387
Unique No:	10548325
Signed:	Don Baldridge
Report Date:	10 Jul 2023

276

2

0

Phosphorus

Barium

Boron

ppm

ppm

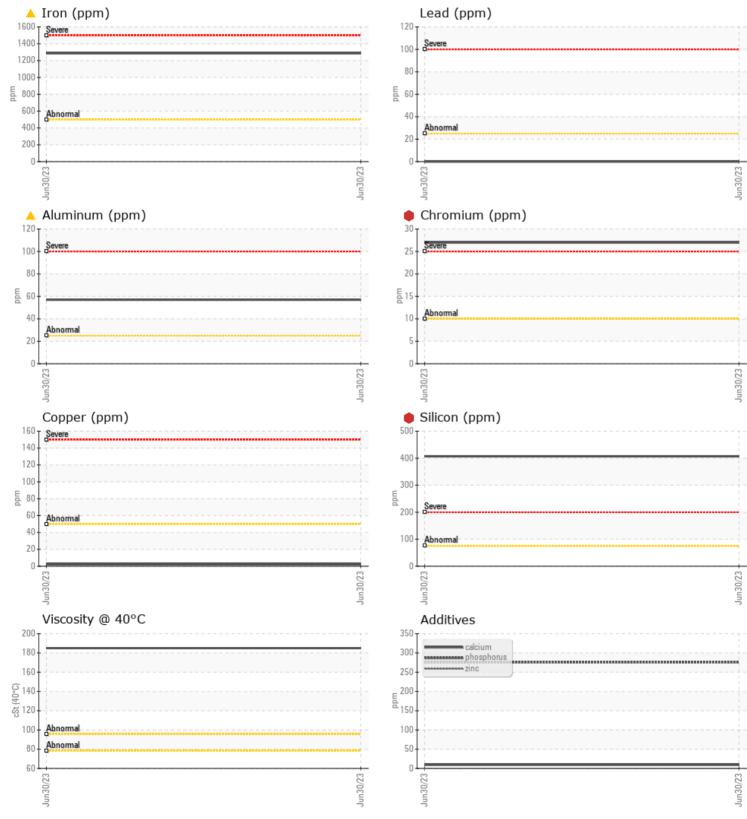
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO3387 [WUSCAR] 05892515 (Generated: 07/10/2023 21:08:45) Rev: 1

Contact/Location: MATT MITCHAM - VOLVO3387