CONSTRUCTION EQUIPMENT G08058 VOLVO EC350 310866 - RIGHT FINAL DRIVE



Sample No:	VCP435253
Oil Type:	NOT GIVEN
Job No:	G08058

	INFORMATIO	N			
	. INFURMATIU		<u>.</u>	-	<u>-</u>
Sample Number		VCP435253			
Sample Date		27 Nov 2023			
Machine Hours		5172			
Oil Hours		0			
Oil Changed		N/A			
Sample Status		SEVERE			
VOLVO					
OIL CON	DITION				
Visc @ 40°C	cSt	192			
CONTAM	MINATION				
Water	%	0.310			
Silicon	ppm	93084			
Sodium	ppm	5			
Potassium	ppm	46			
WEAR N		• • • • •			
Iron	ppm	8689			
Copper	ppm	20			
Lead	ppm	□ <1			
Tin	ppm	0			
Aluminum	ppm	▲ 338			
Chromium	ppm	83			
Molybdenum	ppm	12			
Nickel	ppm	<mark>▲</mark> 11			
Titanium	ppm	41			
Silver	ppm	0			
Manganese	ppm	54			
Vanadium	ppm	<1			
VOLVO					
ADDITIV	/ES				
Calcium	ppm	47			
Magnesium	ppm	14			
Zinc	ppm	19			



HOFFMAN EQUIPMENT - DEPTFORD

1330 HURFFVILLE ROAD DEPTFORD, NJ US 08096 Contact: TAMMY SANDORA tammy.sandora@hoffmanequip.com T: (856)227-6400 F: (856)227-0046

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO8880		
Unique No:	10767300		
Signed:	Sean Felton		
Report Date:	05 Dec 2023		

475

<1

22

Phosphorus

Barium

Boron

ppm

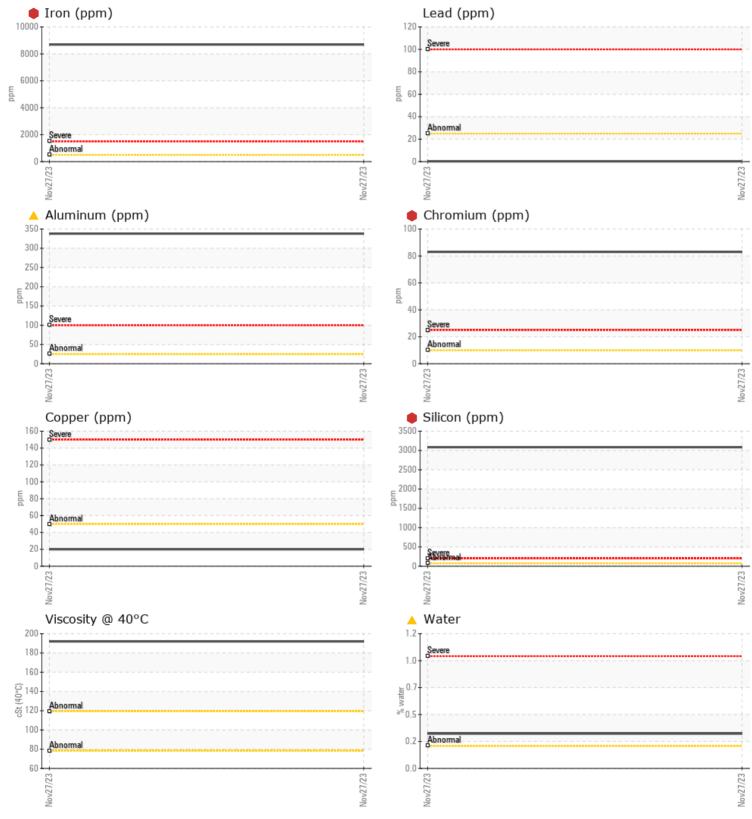
ppm

ppm

CONSTRUCTION EQUIPMENT



VOLVO



Report Id: VOLVO8880 [WUSCAR] 06022800 (Generated: 12/05/2023 12:03:33) Rev: 1

Contact/Location: TAMMY SANDORA - VOLVO8880