CONSTRUCTION EQUIPMENT G08058 VOLVO EC350 310866 - LEFT FINAL DRIVE



Sample No:	VCP435010
Oil Type:	NOT GIVEN
Job No:	G08058

		N		
	INFORMATIO	-		-
Sample Number		VCP435010	 	
Sample Date		27 Nov 2023	 	
Machine Hours		5172	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
OIL CON	DITION			
Visc @ 40°C	cSt	215	 	
VOLVO				
	MINATION			
Water	%	0.649	 	
Silicon	ppm	6600	 	
Sodium	ppm	7	 	
Potassium	ppm	61	 	
VOLVO				
WEAR M	IETALS			
Iron	ppm	1 0322	 	
Copper	ppm	20	 	
Lead	ppm	<1	 	
Tin	ppm	0	 	
Aluminum	ppm	426	 	
Chromium	ppm	• 102	 	
Molybdenum	ppm	14	 	
Nickel	ppm	A 15	 	
Titanium	ppm	64	 	
Silver	ppm	0	 	
Manganese	ppm	65	 	
Vanadium	ppm	1	 	
	/ES		 	
Calcium	ppm	21	 	
Magnesium	ppm	16	 	
Zinc	ppm	8	 	
Phosphorus	ppm	331	 	



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 for the source of water entry. 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 moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO8880		
Unique No:	10767302		
Signed:	Sean Felton		
Report Date:	05 Dec 2023		

<1

18

ppm

ppm

Barium

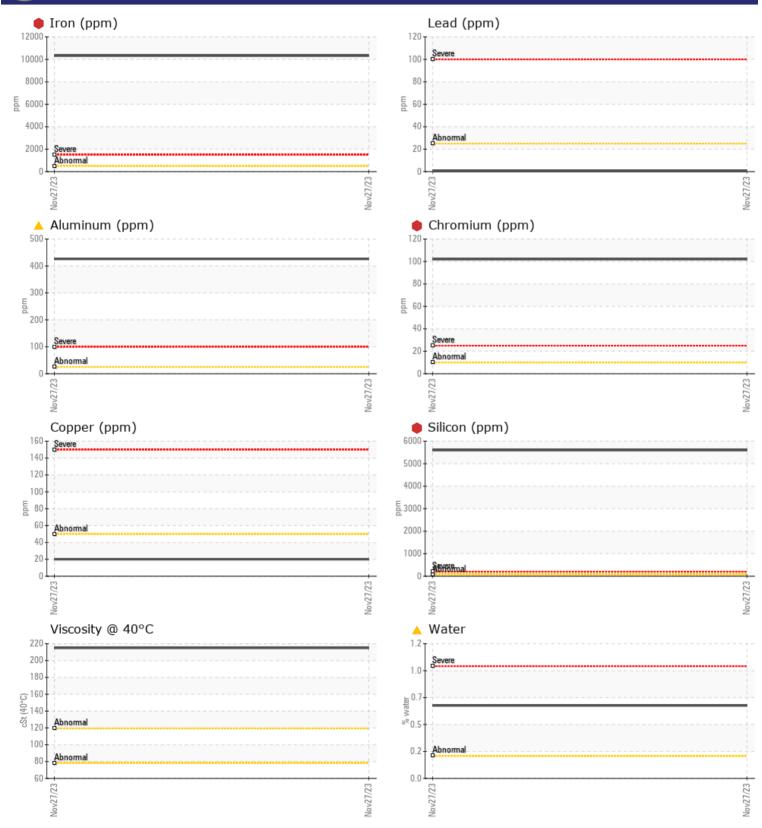
Boron

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8880 [WUSCAR] 06022802 (Generated: 12/05/2023 12:03:24) Rev: 1

Contact/Location: TAMMY SANDORA - VOLVO8880