CONSTRUCTION EQUIPMENT S50401339 HERC VOLVOL110H 31931 - FRONT AXLE

 Sample No:
 VCP405424

 Oil Type:
 NOT GIVEN

 Job No:
 S50401339 HERC

OTV

	E INFORMATIO	J.		
Sample Number		VCP405424	 	
Sample Date		28 Aug 2023	 	
Machine Hours		2681	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
VOLVO				
OIL CON	DITION			
Visc @ 40°C	cSt	186	 	
	cor			
VOLVO				
CONTAN	MINATION			
Water	%	13.1	 	
Silicon	ppm	9 3731	 	
Sodium	ppm	1176	 	
Potassium	ppm	573	 	
WEAR N	AFTALS			
WEAR N	NETALS			
Iron	ppm	93926	 	
Copper	ppm	9	 	
Lead	ppm	3	 	
Tin	ppm	5	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	<u> </u>	 	
Molybdenum	ppm	15	 	
Nickel	ppm	0 22	 	
Titanium	ppm	51	 	
Silver	ppm	0	 	
Manganese	ppm	60	 	
Vanadium	ppm	3	 	
	VES		 	
Calcium	ppm	4131	 	
Magnesium	ppm	1005	 	
Zinc	ppm	1559	 	
-		4.4.4		



VCES- VOLVO CONSTRUCTION EQUIPMENT

22099 KNABE ROAD CORONA, CA US 92883 Contact: OSCAR DEL CAMPO oscar.delcampo@vcesvolvo.com T: (951)277-7620 F: (951)277-4550

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 advise that you inspect for the source(s) of wear. 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. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO4486		
Unique No:	10629957		
Signed:	Don Baldridge		
Report Date:	01 Sep 2023		

1247

0 1004

Phosphorus

Barium

Boron

ppm

ppm

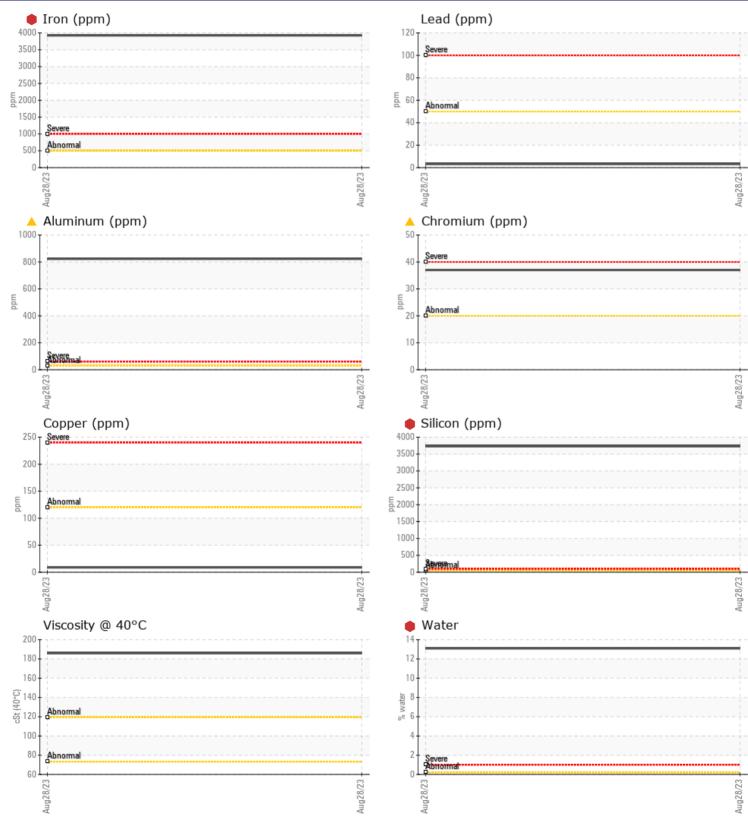
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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