

## **CONSTRUCTION EQUIPMENT** VOLVO SD 1 1 5B 237090 - HYDRAULIC SYSTEM



## Sample No: VCP401175

#### Job No:

	NFORMATION			
	AF UNMATION		<u>.</u>	-
Sample Number		VCP401175		 
Sample Date		20 Sep 2023		 
Machine Hours		1540		 
Dil Hours		1540		 
Dil Changed		Not Changd		 
Sample Status		ABNORMAL		 
VOLVO				
💓 OIL COND	ITION			
/isc @ 40°C	cSt	<b>43.6</b>		 
Acid Number (AN)		0.16		 
VOLVO				
Contami	NATION			
Particles >4µm		<b>A</b> 16575		 
Particles >6µm		<u> </u>		 
Particles >14µm		<b>148</b>		 
SO 4406:1999 (c)		21/19/14		 
Silicon	ppm	2		 
Sodium	ppm	0		 
Deteccium	0000	<b>—</b> 2		
Potassium	ppm	2		 
	ррп	<u> </u>		 
VOLVO				 
WEAR ME	TALS			
WEAR ME	TALS ppm	13		 
WEAR ME ron Copper	ppm ppm	<b>1</b> 3 <b>2</b>		 
ron Copper Lead	ppm ppm ppm	13 2 6		 
vead ron Copper Lead	ppm ppm ppm ppm	□ 13 □ 2 □ 6 □ <1	  	     
vead Kin Copper Lead Kin Aluminum	ppm ppm ppm ppm ppm	□ 13 □ 2 □ 6 □ <1 □ <1		  
wEAR ME ron Copper Lead Tin Aluminum Chromium	ppm ppm ppm ppm ppm ppm	□ 13 □ 2 □ 6 □ <1 □ <1 □ 0	    	    
WEAR ME ron Copper Lead Fin Aluminum Chromium Molybdenum	ppm ppm ppm ppm ppm ppm ppm ppm	■ 13 ■ 2 ■ 6 ■ <1 ■ <1 ■ 0 ■ <1		
WEAR ME ron Copper Lead Cin Aluminum Chromium Molybdenum Vickel	ppm ppm ppm ppm ppm ppm ppm ppm	13 2 6 <1 <1 0 <1 <1 <1 <1		
wEAR ME ron Copper Lead Chromium Chromium Molybdenum Nickel Fitanium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	13 2 6 <1 <1 0 <1 <1 <1 <1 0 <1 <1 0		
WEAR ME ron Copper Lead Fin Aluminum Chromium Molybdenum Nickel Fitanium Silver	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	13 2 6 <1 <1 <1 0 <1 <1 0 <1 0 0 0		
WEAR ME ron Copper Lead Fin Aluminum Chromium Molybdenum Nickel Fitanium Silver Manganese	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	13 2 6 <1 <1 <1 0 <1 <1 0 0 <1 <1 0 0 <1 <1		
WEAR ME ron Copper Lead Fin Aluminum Chromium Molybdenum Nickel Fitanium Silver	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	13 2 6 <1 <1 <1 0 <1 <1 0 <1 0 0 0		
WEAR ME ron Copper Lead fin Aluminum Chromium Molybdenum Vickel fitanium Silver Manganese /anadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	13 2 6 <1 <1 <1 0 <1 <1 0 0 <1 <1 0 0 <1 <1		
WEAR ME ron Copper Lead fin Aluminum Chromium Molybdenum Vickel fitanium Silver Manganese /anadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	13 2 6 <1 <1 <1 0 <1 <1 0 0 <1 <1 0 0 <1 <1		
WEAR ME ron Copper Lead Fin Aluminum Chromium Molybdenum Nickel Fitanium Silver Manganese Vanadium	ppm         p	■ 13 ■ 2 ■ 6 ■ <1 ■ <1 ■ <1 ■ <1 0 0 ■ <1 0 0 ■ <1 0 0 ■ <1 0 0 ■ <1 0 0 ■ <1 ■ <1 0 ■ <1 ■ <1		
WEAR ME ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver Manganese Vanadium Calcium	ppm         p	■ 13 ■ 2 ■ 6 ■ <1 ■ <1 ■ <1 ■ <1 0 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 ■ <1 0 ■ <1 ■ <1		
WEAR ME ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver Manganese Vanadium Calcium Calcium	ppm         p	■ 13 ■ 2 ■ 6 ■ <1 ■ <1 ■ <1 ■ <1 0 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 ■ <1 0 ■ <1 ■ <1 0 ■ <1 ■		
WEAR ME ron Copper Lead Cin Aluminum Chromium Molybdenum Vickel Citanium Silver Manganese Vanadium Calcium Calcium Magnesium Zinc	ppm         p	13 2 6 <1 <1 <1 0 <1 <1 0 0 <1 0 0 <1 0 92 1 1 95		
WEAR ME ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver Manganese Vanadium Calcium Calcium	ppm         p	■ 13 ■ 2 ■ 6 ■ <1 ■ <1 ■ <1 ■ <1 0 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 0 ■ <1 ■ <1 0 ■ <1 ■ <1 0 ■ <1 ■		

#### ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

## Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO090

 Unique No:
 10659323

 Signed:
 Don Baldridge

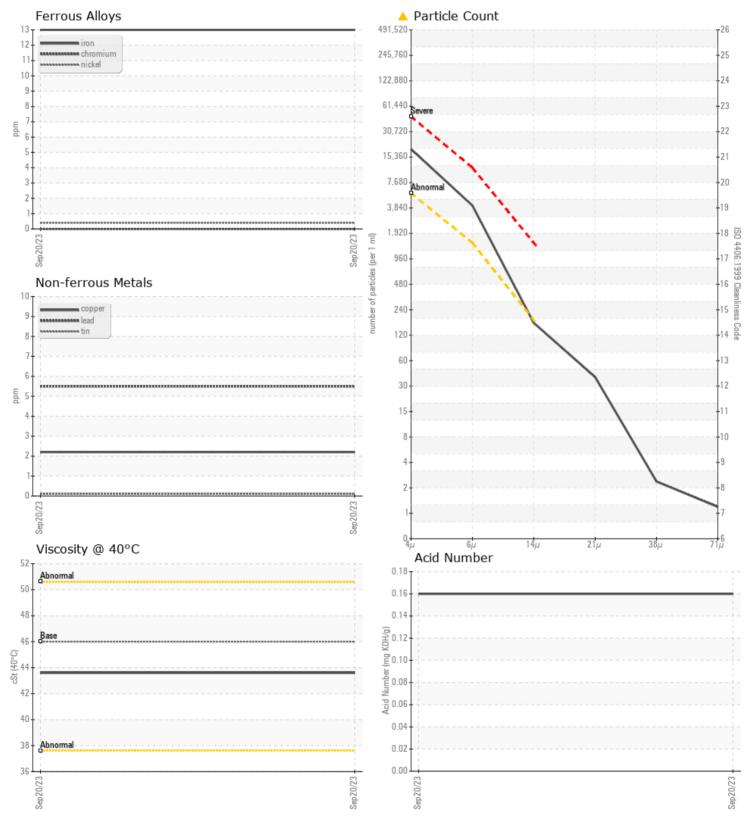
 Report Date:
 23 Sep 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 05958110 (Generated: 09/25/2023 13:01:12) Rev: 1

Contact/Location: TODD LARK - VOLVO0090