**CONSTRUCTION EQUIPMENT** D12523 HALQUEST STON VOLVO L110E 61016 - HYDRAULIC SYS

Sample No: VCP418917 **Oil Type:** 

VOIN

**VOLVO SUPER HYDRAULIC OIL 46** 

		1	
14	~		

Job No:

D12523 HALQUEST STON

TION			
VCP418917			
12 Jul 2023			
13308			
0			
Not Changd			
SEVERE			
44.7			
OH/g <b>□0.26</b>			
105198			
	VCP418917 12 Jul 2023 13308 0 Not Changd SEVERE 0H/g 0.26	VCP418917     12 Jul 2023     13308     0     Not Changd     SEVERE     OH/g  0.26	VCP418917      12 Jul 2023      13308      0      Not Changd      SEVERE      044.7      0H/g  0.26

Particles >6µm		00911	 	
Particles >14µm		<b>A</b> 378	 	
ISO 4406:1999 (c)		24/22/16	 	
Silicon	ppm	4	 	
Sodium	ppm		 	
Potassium	ppm	■ <1	 	

VOLVO				
WEAR M	FTAIS			
		= 4		
Iron	ppm	■4	 	
Copper	ppm	<b>1</b>	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	3	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	<1	 	

	VES			
Calcium	ppm	<b>496</b>	 	
Magnesium	ppm	6	 	
Zinc	ppm	529	 	
Phosphorus	ppm	<b>430</b>	 	
Barium	ppm	0	 	
Boron	ppm	9	 	



ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE) 13001 W SILVERE SPRING DR BUTLER, WI US 53007 Contact: GLENN OTTENBACHER gottenbacher@aring.com T: (262)282-0715 F: (262)781-5053

## Diagnosis

We advise that you check all areas where contaminants can enter the system. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. Resample in 30-45 days to monitor this situation.All component wear rates are normal. There is a high amount of particulates (2 to 100 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

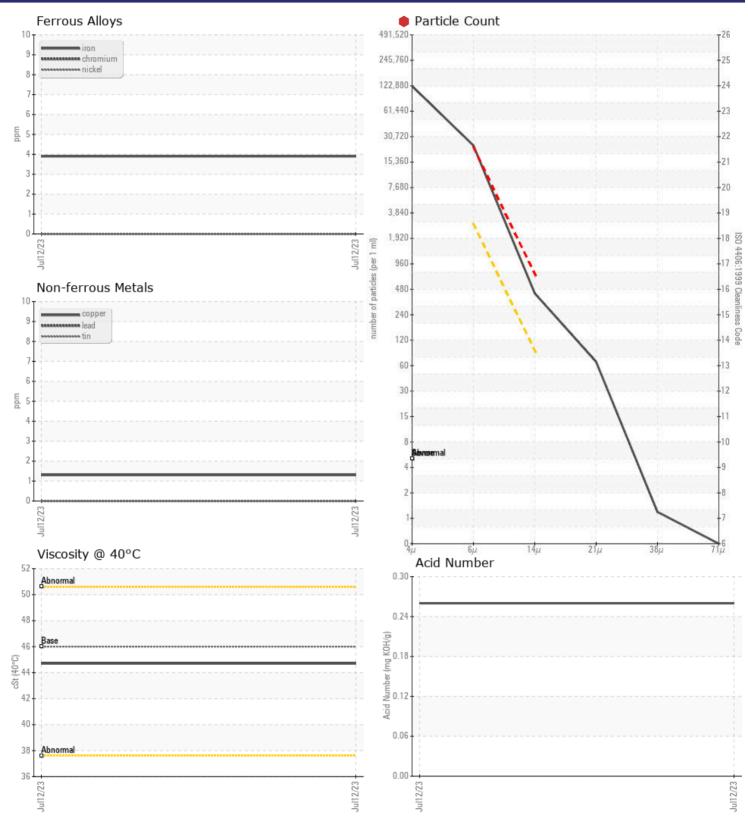
VOLVO0069 Depot: Unique No: 10562570 Signed: Wes Davis Report Date: 19 Jul 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0069 [WUSCAR] 05901214 (Generated: 07/19/2023 09:44:05) Rev: 1

Contact/Location: GLENN OTTENBACHER - VOLVO0069