

## **CONSTRUCTION EQUIPMENT** VOLVO A40G 752088 - HYDRAULIC SYSTEM



Sample No: VCP450812

Oil Type:	VOLVO SUPER HYDRAULIC OIL 46
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Job No:

Zinc

Barium

Boron

Phosphorus

SAMPLE	INFORMATION			
Sample Number		VCP450812	 	
Sample Date		13 Jun 2024	 	
Machine Hours		1460	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ATTENTION	 	
VOLVO				
OIL CON	DITION			
Visc @ 40°C	cSt	43.5	 	
Acid Number (AN	N) mg KOH/g	0.39	 	
	, , , , , , , , ,			
	MINATION		 	
		NEC		
Water	%	NEG		
Particles >4µm		15427	 	
Particles >6µm		5660	 	
Particles > 14µm		320	 	
ISO 4406:1999 (c)		21/20/15	 	
Silicon	ppm	3	 	
Sodium	ppm	0	 	
Potassium	ppm	<b>■</b> <1	 	
VOLVO				
WEAR N	METALS			
Iron	ppm	4	 	
Copper	ppm	2	 	
Lead	ppm	<b>1</b>	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
VOLVO				
ADDITI\	/ES			
Calcium	ppm	67	 	
Magnesium	ppm	2	 	
magnesium	ppin			



#### 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

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a light 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 suitable for further service.

 Depot:
 VOLVO0090

 Unique No:
 11087443

 Signed:
 Wes Davis

 Report Date:
 20 Jun 2024

Contact/Location: TODD LARK - VOLVO0090

ppm

ppm

ppm

ppm

441

326

0 🔲

0

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO

#### Ferrous Alloys Particle Count 10 <del>-</del> 491,520 -26 iron 9 chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 ß mdo E, 30,720 -22 15,360 -21 3 7.680 20 3,840 -19 Ω 1,920 18 🛛 Jun13/24 nber of particles (per 1 ml) 3/74 4406:1999 Cleanlines lun 960 17 Non-ferrous Metals 480 16 10 15 copper 240 q m lead 14 120 8 -13 60 ß 30 12 mdo Ę 15 11 2 10 8 ema 2 8 Ω Jun13/24 Jun 13/24 21µ 14µ 38µ Viscosity @ 40°C Acid Number 52 0.40 Abnormal 50 0.35 48 0.30 (B/HO) HO 0.25 Bas 46 cSt (40°C) 44 Munadmun b 0.10 Number 42 Acid 40 0.10 Abnormal 38. 0.05 36 0.00-Jun13/24 -13/24 Jun13/24 Jun 13/24 In

Report Id: VOLVO0090 [WUSCAR] 06214579 (Generated: 06/21/2024 12:30:51) Rev: 1

Contact/Location: TODD LARK - VOLVO0090