## **CONSTRUCTION EQUIPMENT** SWA413863 RENTAL VOLVO A45GFS 352236 - HYDRAULIC SYST

Sample No: VCP440629

VOLVO

**Oil Type: VOLVO SUPER HYDRAULIC OIL 46** SWA413863 RENTAL

Job No:

### SAMPLE INFORMATION VCP440629 Sample Number Sample Date 21 Nov 2023 Machine Hours 7297 Oil Hours 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 44.1 Acid Number (AN) mg KOH/g 0.76 CONTAMINATION

Water	%	NEG	 	
Particles >4µm		3687	 	
Particles >6µm		500	 	
Particles >14µm		38	 	
ISO 4406:1999 (c)		19/16/12	 	
Silicon	ppm	<b>10</b>	 	
Sodium	ppm	0	 	
Potassium	ppm	2	 	

NETALS				
ppm	6			
ppm	8			
ppm	3			
ppm	<b></b> <1			
ppm	2			
ppm	<b>4</b>			
ppm	2			
ppm				
ppm	<1			
ppm	0			
ppm	<b></b> <1			
ppm	0			
	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ppm       6         ppm       8         ppm       3         ppm       <1	ppm       6          ppm       8          ppm       3          ppm       <1	ppm       6           ppm       8           ppm       3           ppm       <1

Calcium	ppm	1455						
Magnesium	ppm	<b>1</b> 0						
Zinc	ppm	796						
Phosphorus	ppm	556						
Barium	ppm	0						
Boron	ppm							



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

### Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO0093 Unique No: 10764993 Signed: Wes Davis Report Date: 30 Nov 2023

# **CONSTRUCTION EQUIPMENT**



🥖 GRAPHS

VOLVO

#### Ferrous Alloys Particle Count 491,520 10 T -26 iron 9 chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 ß ppm E, 30,720 -22 15,360 -21 7.680 20 -19 3,840 ſ 1,920 -18 🛛 nber of particles (per 1 ml) 1/23 Nov21/23 4406:1999 Cleanlines: Nov21 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q m lead -14 6 120 8 -13 60 ß 12 30 mdo Ę 15 11 10 8 emal 2 Ω Nov21/23 /23 Nov21 21µ 14µ 38µ Viscosity @ 40°C Acid Number 52 0.80 Abnormal 50 0.70 48 0.60 (B/HOX 0.50 b) 10,40 b) 10,40 Base 46 cSt (40°C) 44 42 0.30 Acid 40. 0.20 38-Abnormal 0.10 36 0.00-Nov21/23 Nov21/23 Nov21/23 Nov21/23

Report Id: VOLVO0093 [WUSCAR] 06020493 (Generated: 11/30/2023 09:38:52) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093