## CONSTRUCTION EQUIPMENT 700392 ALTA RENTS VOLVO A25G 752731 - HYDRAULICSYSTEM

Sample No:VCP438221Oil Type:VOLVO SUPER HYDRAULIC OIL 46

700392 ALTA RENTS

VOLVO

Job No:

#### SAMPLE INFORMATION VCP438221 Sample Number VCP440383 Sample Date 02 Apr 2024 13 Oct 2023 Machine Hours 1259 627 Oil Hours 0 0 Not Changd Oil Changed N/A ATTENTION NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 43.8 44.7 0.44 Acid Number (AN) mg KOH/g 0.45 ITAMINATION

Water	%	NEG	NEG	 
Particles >4µm		8632	4289	 
Particles >6µm		2784	1019	 
Particles >14µm		<u> </u>	54	 
ISO 4406:1999 (c)		20/19/15	19/17/13	 
Silicon	ppm	<b>■</b> 4	4	 
Sodium	ppm	□ <1	<b></b> <1	 
Potassium	ppm	0	0	 

### 🎾 WEAR METALS

Iron	ppm	2	3	 
Copper	ppm	2	2	 
Lead	ppm	□<1	1	 
Tin	ppm		0	 
Aluminum	ppm	0	0	 
Chromium	ppm	0	0	 
Molybdenum	ppm	0	0	 
Nickel	ppm	0	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	0	0	 
Vanadium	ppm	0	0	 

VOLVO

Calcium	ppm	65	60			
Magnesium	ppm	5	<1			
Zinc	ppm	416	425			
Phosphorus	ppm	327	325			
Barium	ppm	0	0			
Boron	ppm	0	0			



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

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### 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 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:
 VOLVO0096

 Unique No:
 10968961

 Signed:
 Wes Davis

 Report Date:
 11 Apr 2024

# **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 2 7.680 20 3,840 -19 Ω 1,920 18 🛛 0ct13/23 Apr2/24 nber of particles (per 1 ml) 4406:1999 Cleanlines 960 17 Non-ferrous Metals 480 16 10 15 copper 240 q lead 14 120 8 -13 60 ß 30 12 mdo Ę 15 -11 3 10 8 ema 2 Ω 0ct13/23 Apr2/24 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 0.50 Abnormal 50 0.45 0.40 48 Bas 46 cSt (40°C) 44 0.25 Numper 0.20 42 U PCIQ 0.15 40 0.10 Abnormal 38. 0.05 0.00-36 Apr2/24. Apr2/24 0ct13/23 0ct13/23