# CONSTRUCTION EQUIPMENT 702165 HILLSBOROUGH VOLVO L60H 623196 - HYDRAULIC SYSTE

Sample No: VCP445476

VOLVO

Oil Type:VOLVO SUPER HYDRAULIC OIL 46Job No:702165 HILLSBOROUGH

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# SAMPLE INFORMATION

Sample Number		VCP445476				
Sample Date		19 Apr 2024				
Machine Hours		2114				
Oil Hours		2114				
Oil Changed		Not Changd				
Sample Status		NORMAL				
OIL CONDI	TION					
Visc @ 40°C	cSt	■44.9				
Acid Number (AN)	mg KOH/g	0.36				

Contam	INATION			
Water	%	NEG	 	
Particles >4µm		15434	 	
Particles >6µm		2274	 	
Particles >14µm		35	 	
ISO 4406:1999 (c)		21/18/12	 	
Silicon	ppm	3	 	
Sodium	ppm	3	 	
Potassium	ppm	<b>□</b> <1	 	

## WEAR METALS

Iron	ppm	4	 	
Copper	ppm	3	 	
Lead	ppm	<b></b> <1	 	
Tin	ppm	<b></b> <1	 	
Aluminum	ppm	0	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	0	 	

VOLVO

ADDITIVES						
Calcium	ppm	200				
Magnesium	ppm	3				
Zinc	ppm	488				
Phosphorus	ppm	385				
Barium	ppm	0				
Boron	ppm	0				



#### ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC 8418 PALM RIVER ROAD

TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.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:
 11036264

 Signed:
 Wes Davis

 Report Date:
 22 May 2024

Contact/Location: JOHN FARDELLA - VOLVO0093

# **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 5 30,720 22 15,360 -21 3 7.680 20 3,840 -19 0. 1,920 18 🛛 Apr19/24 particles (per 1 ml) Apr19/24 4406:1999 Cleanlines 960 17 Non-ferrous Metals 16 480 10 nber of p 15 copper 240 q m lead 14 120 8 -13 60 ß 12 30 mdo Ę 15 -11 10 8 ema 2 8 Ω Apr19/24 Apr19/24 21µ 14µ 38µ Viscosity @ 40°C Acid Number 52 0.40 Abnormal 50 0.35 48 0.30 (B/HO) HO 0.25 Base 46 cSt (40°C) 44 Munadmun b 0.10 Number 42 Acid 40 0.10 Abnormal 38. 0.05 36 0.00-Apr19/24 Apr19/24 9/24 Apr19/24 Apr1

Report Id: VOLVO0093 [WUSCAR] 06184938 (Generated: 05/22/2024 01:35:11) Rev: 1

Contact/Location: JOHN FARDELLA - VOLVO0093