CONSTRU HERC RENTA

## CONSTRUCTION EQUIPMENT HERC RENTALS S504039 VOLVO L70H 623495 - HYDRAULICSYSTE

Sample No:VCP453992Oil Type:AW HYDRAULIC OIL ISO 46Job No:HERC RENTALS \$504039

SAMPLE IN	FORMATION					
Sample Number		VCP453992				
Sample Date		09 Jul 2024				
Machine Hours		2267				
Oil Hours		0				
Oil Changed		N/A				
Sample Status		NORMAL				
OIL CONDITION						
Visc @ 40°C	cSt	<b>42.1</b>				
Acid Number (AN)	mg KOH/g	0.34				

CONTAMINATION NEG % Water 16872 Particles >4µm Particles >6µm 2035 Particles >14µm 70 ISO 4406:1999 (c) 21/18/13 Silicon ppm 4 Sodium ppm 3 2 Potassium ppm

### 🌽 WEAR METALS

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

VOLVO

Calcium	ppm	128					
Magnesium	ppm	■4					
Zinc	ppm	431					
Phosphorus	ppm	361					
Barium	ppm	0					
Boron	ppm	2					



#### VCES- VOLVO CONSTRUCTION EQUIPMENT

22099 KNABE ROAD CORONA, CA US 92883 Contact: OSCAR DEL CAMPO oscar.delcampo@vcesvolvo.com T: (951)277-7620 F: (951)277-4550

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.

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:
 VOLVO4486

 Unique No:
 11115733

 Signed:
 Wes Davis

 Report Date:
 11 Jul 2024

Contact/Location: OSCAR DEL CAMPO - VOLVO4486

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO

#### Ferrous Alloys Particle Count 10 <del>-</del> 491.520 -26 iron 9 n 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 0 1,920 18 🛛 Jul9/24 nber of particles (per 1 ml) Jul9/24 4406:1999 Cleanlines 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q m lead 14 120 8 -13 60 ß 12 30 mdo Ę 15 11 2 10 8 ema 2 8 0 ...... ..... Jul9/24 /elnl 21µ 14µ 38, Viscosity @ 40°C Acid Number 52 1.00-Abnormal 51 Abnorma 0.90 50 49 0.80 (B/HO) BW) 0.60 48 47 cSt (40°C) 46 u 0.50 Jungung 0.40 45 44 U 90.30 43 42 Abnorma 0.20 41 Abnormal 0.10 40 0.00-39 Jul9/24. Jul9/24 Jul9/24 Jul9/24