CONSTRUCTION EQUIPMENT 568169 VOLVO L70H 623753 - HYDRAULIC SYSTEM



Sample No:VCP425058Oil Type:VOLVO SUPER

VOLVO

VOLVO SUPER HYDRAULIC OIL 46

18/16/12

2

■ <1

1

Job No:

568169

ppm

ppm

ppm

	FORMATION					
Sample Number		VCP425058				
Sample Date		29 Jun 2023				
Machine Hours		6718				
Oil Hours		0				
Oil Changed		Changed				
Sample Status		NORMAL				
OIL CONDI	TION					
Visc @ 40°C	cSt	44.9				
Acid Number (AN)	mg KOH/g	0.48				
CONTAMINATION						
Particles >4µm	-	1403				
Particles >6µm		333				
Particles >14µm		32				



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

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Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

WEAR METALS

ISO 4406:1999 (c)

Silicon

Sodium

Potassium

	יוב ו אנט			
Iron	ppm	3	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	■<1	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	5	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	ppm	0	 	

ADDIT	IVES			
Calcium	ppm	131	 	
Magnesium	ppm	34	 	
Zinc	ppm	548	 	
Phosphorus	ppm	454	 	
Barium	ppm	0	 	
Boron	ppm	15	 	

 Depot:
 VOLVO096

 Unique No:
 10545859

 Signed:
 Don Baldridge

 Report Date:
 07 Jul 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 5 30,720 -22 15,360 -21 2 7,680 20 Abnorma 3,840 -19 Ω 1,920 -18 🛛 nber of particles (per 1 ml) Jun29/23 lun29/73 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q nn lead -14 6 tin 120 8 -13 60 ß 30 12 mdo Ę 15 11 2 10 8 4 2 0 Jun29/23 Jun29/23 21µ 38µ 14μ Viscosity @ 40°C Acid Number 52 0.50 Abnormal 50 0.45 0.40 48 Base 46 cSt (40°C) 41 0.25 Numper 0.20 42 U PCIQ 0.15 40. 0.10 Abnormal 38 0.05 0.00-36 Jun29/23 Jun29/23 lun29/23 Jun29/23

Report Id: VOLVO0096 [WUSCAR] 05890049 (Generated: 07/07/2023 11:41:36) Rev: 1

Contact/Location: Robert LaPlante - VOLVO0096