CONSTRUCTION EQUIPMENT 701268 IAA RITCHI VOLVO L90H 625797 - HYDRAULIC SYSTEM

Sample No: VCP443788

VOIN

Oil Type:	VOLVO SUPER HYDRAULIC OIL 46
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Job No:

701268 IAA RITCHI

VOLVO					
SAMPLE II	NFORMATION				
Sample Number		VCP443788	VCP408616		
Sample Date		09 Apr 2024	12 Jun 2023		
Machine Hours		2257	2085		
Oil Hours		0	0		
Oil Changed		Not Changd	Not Changd		
Sample Status		NORMAL	NORMAL		
OIL CONDI					
				<u></u>	
Visc @ 40°C	cSt	43.2	43.5		
Acid Number (AN)	mg KOH/g	0.38	0.36		
	_				
VOLVO					

CONTAM	MINATION			
Water	%	NEG	NEG	
Particles >4µm		2559	1220	
Particles >6µm		539	368	
Particles >14µm		30	20	
ISO 4406:1999 (c))	19/16/12	17/16/11	
Silicon	ppm	3	3	
Sodium	ppm	2	0	
Potassium	ppm	2	 <1	

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Iron	ppm	2	4	
Copper	ppm	2	2	
Lead	ppm	2	2	
Tin	ppm		0	
Aluminum	ppm	0	<1	
Chromium	ppm		 <1	
Molybdenum	ppm	 <1	1	
Nickel	ppm	0	<1	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	 <1	0	
Vanadium	ppm	0	0	

ADDITIN	/ES			
Calcium	ppm	60	64	
Magnesium	ppm	3	5	
Zinc	ppm	435	474	
Phosphorus	ppm	352	344	
Barium	ppm	0	2	
Boron	ppm	0	0	



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: 10983082 Signed: Wes Davis Report Date: 19 Apr 2024

CONSTRUCTION EQUIPMENT



🥜 GRAPHS

VOLVO

Ferrous Alloys Particle Count 10 - 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 7.680 20 bnorma 3,840 -19 Character 1 Ω 1,920 18 🛛 Apr9/24 nber of particles (per 1 ml) 12/23 4406:1999 Cleanlines: lun1 960 17 Non-ferrous Metals 480 16 10 15 copper 240 9 nn lead 14 tin 120 8 -13 60 ß 30 12 mdo Ę 15 -11 2 10 8 2 4 2 8 Ω Apr9/24 Jun12/23 21µ 14µ 38, Viscosity @ 40°C Acid Number 52 0.40 Abnormal 50 0.35 48 0.30 (B/HO) HO 0.25 Bas 46 cSt (40°C) 44 Munadmun b 10.20 Munadmun b 10.20 42 Acid 40 0.10 Abnormal 38. 0.05 36 0.00 Apr9/24. Apr9/24 2/23 Jun12/23 In

Report Id: VOLVO0093 [WUSCAR] 06153004 (Generated: 04/19/2024 11:36:53) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093