CONSTRUCTION EQUIPMENT SWA401805 ARNON DEV VOLVO L110F 61750 - HYDRAULIC SYS

Sample No: VCP428586 **Oil Type:** AW HYDRAULIC OIL ISO 46 SWA401805 ARNON DEV

VOLV

Job No:

SAMPLE IN	FORMATION			
Sample Number	-	VCP428586	 	
Sample Date		01 Nov 2023	 	
Machine Hours		7227	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 40°C	cSt	44.4	 	
Acid Number (AN)	mg KOH/g	0.38	 	
CONTAMIN	IATION			
Particles >4µm		27011	 	
Douticles > Cum		A 9404		

Particles >6µm		🔺 8494	 	
Particles >14µm		A 390	 	
ISO 4406:1999 (c))	22/20/16	 	
Silicon	ppm	4	 	
Sodium	ppm	1	 	
Potassium	ppm	0	 	

VOLVO				
	AFTALS			
VEAR N	IE I ALS			
Iron	ppm	0	 	
Copper	ppm	 <1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

Calcium	ppm	301			
Magnesium	ppm	1			
Zinc	ppm	461			
Phosphorus	ppm	366			
Barium	ppm	0			
Boron	ppm	7			



ALTA EQUIPMENT

5985 COURT STREET ROAD SYRACUSE, NY US 13206 Contact: JIM STRIGLE JIM.STRIGLE@ALTG.COM T: (315)437-2611 F: (315)434-9471

Diagnosis

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. 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. There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: VOLVO0142 Unique No: 10727341 Signed: Wes Davis Report Date: 07 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys A Particle Count 491.520-10 T -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 0 1,920 -18 🛛 Nov1/23 Nov1/23 nber of particles (per 1 ml) 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q m lead 14 tin 120 8 -13 60 ß 12 30 mdo Ę 15 11 2 10 8 emal 2 Ω Nov1/23 Nov1/23 0, 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52-1.00 T Abnormal Abnormal 0.90 50 0.80 48 (B/HO) 0.60 0.50 Wind KOH/B) 0.50 0.40 ₿ (0°0) tso 44 Acid 1 42 Abnormal 0.20 Abnorma 40 0.10 38 0.00-Nov1/23 -Nov1/23 Nov1/23 Nov1/23

Report Id: VOLVO0142 [WUSCAR] 05998981 (Generated: 11/07/2023 08:33:23) Rev: 1

Contact/Location: JIM STRIGLE - VOLVO0142