CONSTRUCTION EQUIPMENT 545538 COWIN EQUIP VOLVO A30G 753353 - HYDRAULIC SYSTEM

Sample No: VCP454776 **Oil Type:** Job No:

VOLVO

AW HYDRAULIC OIL ISO 46

545538 COWIN EQUIP

VOLVO					
	FORMATION				
Sample Number		VCP454776			
Sample Date		13 May 2024			
Machine Hours		1973			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		NORMAL			
OIL CONDI	TION				
Visc @ 40°C	cSt	43.1			
Acid Number (AN)	mg KOH/g	0.38			
CONTAMINATION					

Water	%	NEG	 	
Particles >4µm		2668	 	
Particles >6µm		768	 	
Particles >14µm		57	 	
ISO 4406:1999 (c)		19/17/13	 	
Silicon	ppm	4	 	
Sodium	ppm	□ <1	 	
Potassium	ppm	0	 	

NFAR MFTAI S

Iron	ppm	□ 4	 	
Copper	ppm	3	 	
Lead	ppm	1	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

Calcium	ppm	57					
Magnesium	ppm						
Zinc	ppm	413					
Phosphorus	ppm	320					
Barium	ppm	0					
Boron	ppm	0					



ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL US 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 F: (954)583-0318

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: VOLVO0095 Unique No: 11035548 Signed: Wes Davis Report Date: 21 May 2024 Contact/Location: N. FACEY - VOLVO0095

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys Particle Count 10 - 491.520 -26 iron 9 n chromium 245,760 -25 nickel 8 122,880 24 61,440 -23 ß ppm 5 30,720 22 15,360 -21 3 7.680 20 3,840 -19 Ω 1,920 18 🛛 nber of particles (per 1 ml) May13/24 May13/24 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q nn lead 14 tin 120 8 -13 60 ß 30 12 mdo Ę 15 -11 3 10 8 ema 2 8 Ω May13/24 May13/24 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 un 0.50 Jungung 0.40 45 44 U 90.30 43 42 Abnormal 0.20 41 Abnormal 0.10 40 0.00-39 May13/24 May13/24 May13/24 May13/24

Report Id: VOLVO0095 [WUSCAR] 06184222 (Generated: 05/21/2024 12:38:05) Rev: 1

Contact/Location: N. FACEY - VOLVO0095