

CONSTRUCTION EQUIPMENT VOLVO A25G 752542 - HYDRAULIC SYSTEM



Sample No:VCP0008735Oil Type:{unknown}

Job No:

SAMPLE IN	FORMATION		 	
Sample Number	-	VCP0008735	 	
Sample Date		21 Jun 2024	 	
Machine Hours		631	 	
Oil Hours		631	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 40°C	cSt	47.4	 	
Acid Number (AN)	mg KOH/g	0.49	 	
CONTAMIN	ATION			
Water	%	NEG	 	
Particles >4µm		15571	 	
Particles >6um		5 033	 	

Particles >4µm		15571	 	
Particles >6µm		e 5033	 	
Particles >14µm		A 374	 	
ISO 4406:1999 (c)		21/20/16	 	
Silicon	ppm	■ <1	 	
Sodium	ppm	■ <1	 	
Potassium	ppm	□ <1	 	

WEAR METALS

Iron	ppm	0	 	
Copper	ppm	0	 	
Lead	ppm	0	 	
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	 	

VOLVO

Calcium	ppm	55				
Magnesium	ppm	<1				
Zinc	ppm	442				
Phosphorus	ppm	351				
Barium	ppm	0				
Boron	ppm	0				



ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY JACKSONVILLE, FL US 32256 Contact: TECHNICIAN ACCOUNT catherine.anastasio@wearcheck.com T: F: (904)737-1260

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 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:
 VOLVO0092

 Unique No:
 1110833

 Signed:
 Wes Davis

 Report Date:
 05 Jul 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys A 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 2 7.680 20 3,840 -19 Ω 1,920 18 🛛 Jun21/24 nber of particles (per 1 ml) lun21/24 4406:1999 Cleanlines: 17 960 Non-ferrous Metals 480 16 10 15 copper 240 9 m lead 14 120 8 -13 60 ß 30 12 mdo Ę 15 -11 2 10 8 ema 2 Ω Jun21/24 Jun21/24 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 0.50 Abnormal 0.45 50 0.40 48 (B/HO, 35 0.30 Bul) 0.46 (10°C) tS2 44 0.25 Numper 0.20 U PCIQ 0.15 42 0.10 40. Abnormal 0.05 0.00-38 Jun21/24 Jun21/24 lun21/24 lun21/24

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Submitted By: TECHNICIAN ACCOUNT