CONSTRUCTION EQUIPMENT SPM549962 VOLVO L220H 3382 - HYI VOLVO L220H 3382 - HYDRAULIC SYSTEM



Sample No: VCP454884 **Oil Type: VOLVO SUPER HYDRAULIC OIL 46** Job No: SPM549962

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP454884	
Sample Date		11 May 2024	
Machine Hours		6129	
Oil Hours		0	
Oil Changed		Changed	
Sample Status		ATTENTION	
OIL CONDI	LION		
Visc @ 40°C	cSt	42.0	
Acid Number (AN)	mg KOH/g	0.48	

CONTAMINATION NEG % Water 9205 Particles >4µm Particles >6µm 2138 Particles >14µm 134 ISO 4406:1999 (c) 20/18/14 Silicon ppm 2 Sodium ppm 2 0 🔲 Potassium ppm

WFAR MFTAIS

TOTA

Iron	ppm	6	 	
Copper	ppm	2	 	
Lead	ppm	1	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	2	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITI	VES			
Calcium	ppm	51	 	
Magnesium	ppm	 <1	 	
Zinc	ppm	428	 	
Phosphorus	ppm	328	 	
Barium	ppm	0	 	
Boron	ppm	0	 	



COVANTA

350 FLAKENBURG ROAD TAMPA, FL US 33619 Contact: SERVICE MANAGER

T: (813)684-5688 F:

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: COVTAM Unique No: 11035550 Signed: Wes Davis Report Date: 21 May 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 6 ppm E, 30,720 22 15,360 -21 3 7.680 20 3,840 -19 0 1,920 18 🛛 particles (per 1 ml) 1/24 May11/24 4406:1999 Cleanlines: May11 960 17 Non-ferrous Metals 16 480 10 ther of p 15 copper 240 9 m lead 14 tin 120 8 -13 60 ß 30 12 mdo Ę 15 11 3 10 8 4 2 Ω /24 May11/24 May11 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 0.50 Abnormal 50 0.45 0.40 48 Base 46 cSt (40°C) 44 0.25 Numper 0.20 42 U PCIQ 0.15 40 0.10 Abnormal 38. 0.05 0.00-36 May11/24 May11/24 May11/24 1/24 May17

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Contact/Location: SERVICE MANAGER ? - COVTAM