CONSTRUCTION EQUIPMENT X47520 TADANO GR550 542078 - HYDRAULIC SYSTEM

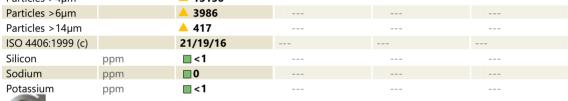
Sample No:VCP05971386Oil Type:VOLVO SUPER HYDRAULIC OIL 46

VOLVO

Job No: X47520

SAMPLE INFORMATION

Sample Number	VCP05971386					
Sample Date	02 Oct 2023					
Machine Hours	1292					
Oil Hours	0					
Oil Changed	N/A					
Sample Status	ABNORMAL					
OIL CONDITION						
Visc @ 40°C cSt	A 34.5					
Acid Number (AN) mg KOH/g	0.20					
CONTAMINATION						
Particles >4µm	A 13156					



WEAR METALS

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

	IVES			
Calcium	ppm	1	 	
Magnesium	ppm		 	
Zinc	ppm	31	 	
Phosphorus	ppm	625	 	
Barium	ppm	0	 	
Boron	ppm	0	 	



SCOTT EQUIPMENT COMPANY LLC - Lake Charles

PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: TINA LEDOUX tledoux@scottcompanies.com T: (337)433-9811 F: (318)433-6623

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.

 Depot:
 VOLVO6244

 Unique No:
 10683336

 Signed:
 Don Baldridge

 Report Date:
 10 Oct 2023

CONSTRUCTION EQUIPMENT



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38µ

4406:1999 Cleanlines

GF

VOLVO

GRAPHS Ferrous Alloys A Particle Count 491.520-10 T iron 9 •• chromium 245,760 nickel 8 122,880 61,440 ß mda 5 30,720 15,360 2 7,680 3,840 ſ 1,920 0ct2/23 nber of particles (per 1 ml) 0ct2/23 960 Non-ferrous Metals 480 10 copper 240 q m lead tin 120 8 60 ß 30 mdo Ę 15 1 8 4 2 0 0ct2/23 0ct2/23 21µ 14µ Viscosity @ 40°C Acid Number 52 0.22 Abnormal 50 0.20 48 0.18 Base (B/HO) 0.14 46 44 (0°0+ 42. 40. 40. Ë 0.12 Acid Number () Acid Number () 90.0 Abnormal 38 36 0.04 34 0.02 0.00-32

0ct2/23

0ct2/23

Report Id: VOLVO6244 [WUSCAR] 05971386 (Generated: 10/10/2023 14:33:06) Rev: 1

0ct2/23

Contact/Location: TINA LEDOUX - VOLVO6244

0ct2/23