CONSTRUCTION EQUIPMENT 580184 ALTA RENTS VOLVO EC380 315520 - HYDRAULIC SYSTE

Sample No:VCP415563Oil Type:VOLVO SUP

VOLVO

VOLVO SUPER HYDRAULIC OIL 46

Job No:

580184 ALTA RENTS

SAMPLE II	NFORMATION			
Sample Number		VCP415563	 	
Sample Date		14 Jul 2023	 	
Machine Hours		1163	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
VOLVO				
💛 OIL CONDI	TION			
Visc @ 40°C	cSt	41.7	 	
Acid Number (AN)	mg KOH/g	0.54	 	
VOLVO				

CONTA	MINATION			
Particles >4µm	-	12798	 	
Particles >6µm		3454	 	
Particles >14µm	ı	239	 	
ISO 4406:1999 (c)	21/19/15	 	
Silicon	ppm	4	 	
Sodium	ppm	0	 	
Potassium	ppm	1	 	



WEAR N	IETALS			
Iron	ppm	2	 	
Copper	ppm	20	 	
Lead	ppm	 <1	 	
Tin	ppm		 	
Aluminum	ppm	□<1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

	VE3			ļ
Calcium	ppm	91	 	
Magnesium	ppm		 	
Zinc	ppm	556	 	
Phosphorus	ppm	422	 	
Barium	ppm	1	 	
Boron	ppm	0	 	



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

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:
 VOLVO0096

 Unique No:
 10564544

 Signed:
 Wes Davis

 Report Date:
 21 Jul 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys Particle Count 491,520 **x** 10 T -26 iron 9 •• chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 6 Abnorma mdo E, 30,720 -22 15,360 -21 2 7,680 20 3,840 -19 0 1,920 18 🛛 Jul14/23 Jul14/23 nber of particles (per 1 ml) 4406:1999 Cleanlines 960 17 Non-ferrous Metals 480 16 20 15 copper 240 18 m lead 14 • tin 120 16 14 -13 60 12 30 12 u d 10 15 11 8 6 10 8 4 2 2 8 _____ 0-/23 Jul14/23 Juli4 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 0.55 Abnormal 50 0.50 0.45 48 (^B/HOX 0.35 Base 46 cSt (40°C) 41 Ē 0.30 Vin Number Vicio Acid 42 40. 0.10 38-Abnormal 0.05 0.00-36 Jul14/23 Jul14/23 Jul14/23 Jul14/23

Report Id: VOLVO0096 [WUSCAR] 05903188 (Generated: 07/21/2023 10:38:48) Rev: 1

Contact/Location: Robert LaPlante - VOLVO0096