CONSTRUCTION EQUIPMENT 8000277406 VOLVO L30GS 3224376 - HYDRAULIC SYSTEM

Sample No: VCP380636 **Oil Type: VOLVO SUPER HYDRAULIC OIL 46** Job No: 8000277406

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP380636	 	
Sample Date		13 Mar 2021	 	
Machine Hours		1471	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
VOLVO				
V OIL CONDI	IIUN			
Visc @ 40°C	cSt	32.0	 	
CONTAMIN				
	TATION			
Particles >4µm		9025	 	
Particles >6µm		278	 	
Particles >14µm		26	 	
ISO 4406:1999 (c)		20/15/12	 	
Silicon	ppm	5	 	
Sodium	ppm	∎1	 	
Potassium	ppm	 <1	 	

VOLVO				
WEAR M	ACTAL C			
WEAR P	IE I ALS			
Iron	ppm	8	 	
Copper	ppm	4	 	
Lead	ppm	2	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	0	 	
Nickel	ppm	□ <1	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITIVES							
Calcium	ppm	43					
Magnesium	ppm	2					
Zinc	ppm	427					
Phosphorus	ppm	319					
Barium	ppm	 <1					
Boron	ppm						



STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL RED DEER COUNTY, AB CA T4S 2L4 Contact: Perry Doyle pdoyle@strongco.com T: (403)346-3473 F: (403)346-3487

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. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: VOLVO9652 Unique No: 5189044 Signed: Kevin Marson Report Date: 17 Mar 2021

Report Id: VOLVO9652 [WCAMIS] 02409567 (Generated: 09/19/2023 10:36:06) Rev: 1

Contact/Location: Perry Doyle - VOLVO9652

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 ß mda E, 30,720 -22 15,360 -21 7,680 20 3,840 -19 0. 1,920 -18 🛛 Mar13/21 nber of particles (per 1 ml) Mar13/21 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q lead -14 6 tin 120 8 -13 60 6 30 12 mdo 5 15 -11 3 10 8 ema 9 2 8 0 Mar13/21 Mar13/21 0₄+ 4µ 21µ 14µ 38µ Viscosity @ 40°C 52 Abnormal 50 48 Base 46 44 () 42 (+) 42 ty 40 Abnormal 38 36 34 32 30 Mar13/21 Mar13/2

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