CONSTRUCTION EQUIPMENT 447 SAKAI 50755 - HYDRAULIC SYSTEM



Sample No: VCP408576 Oil Type: SHELL TELLUS S2 MX 46 Job No: 447

VOLVO



SAMPLE INFORMATION

Sample Number		VCP408576			
Sample Date		20 Oct 2023			
Machine Hours		6133			
Oil Hours		1000			
Oil Changed		Not Changd			
Sample Status		ABNORMAL			
OIL CONDI	TION				
Visc @ 40°C	cSt	46.4			
Acid Number (AN)	mg KOH/g	0.44			

	MINATION			
Particles >4µm		48349	 	
Particles >6µm		<u> </u>	 	
Particles >14µm		39	 	
ISO 4406:1999 (d	c)	23/18/12	 	
Silicon	ppm	2	 	
Sodium	ppm	3	 	
Potassium	ppm	0	 	

WEAR METALS

	יוב ו אבס			
Iron	ppm	20	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	2	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDI

Calcium	ppm	134			
Magnesium	ppm	1 9			
Zinc	ppm	256			
Phosphorus	ppm	200			
Barium	ppm	0			
Boron	ppm	1			



TOTAL DEVELOPMENT SOLUTIONS LLC

7805 PROGRESS CT GAINESVILLE, VA US 20155 Contact: JOE SEALE jseale@totaldevelopmentsolutions.com T: (703)222-0497 F: (703)753-4586

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 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: TOTGAI Unique No: 10714774 Signed: Don Baldridge Report Date: 31 Oct 2023

Report Id: TOTGAI [WUSCAR] 05992112 (Generated: 10/31/2023 11:19:07) Rev: 1

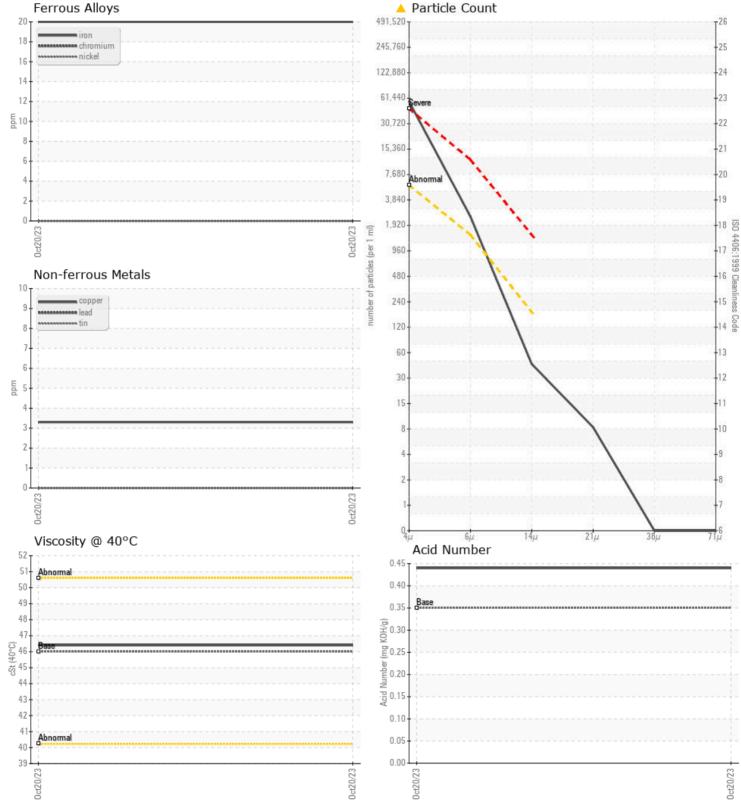
Contact/Location: JOE SEALE - TOTGAI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: TOTGAI [WUSCAR] 05992112 (Generated: 10/31/2023 11:19:10) Rev: 1