CONSTRUCTION EQUIPMENT 12765 VOLVO A45G 752253 - HYDRAULIC SYSTEM



 Sample No:
 VCE118122

 Oil Type:
 VOLVO SUPER

VOLVO

Oil Type:	VOLVO SUPER HYDRAULIC OIL 46
Job No:	12765

SAMPLE INFORMATION VCE118122 Sample Number Sample Date 17 Apr 2024 Machine Hours 268 Oil Hours 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 47.0 Acid Number (AN) mg KOH/g 0.46

CONTA	MINATION			
Water	%	NEG	 	
Particles >4µm		1148	 	
Particles >6µm		199	 	
Particles >14µm		1 3	 	
ISO 4406:1999 (d	c)	17/15/11	 	
Silicon	ppm	1	 	
Sodium	ppm	0	 	
Potassium	ppm	2	 	

🎾 WEAR METALS

ppm	□<1			
ppm	2			
ppm	□ <1			
ppm				
ppm	3			
ppm				
ppm	□<1			
ppm				
ppm	<1			
ppm	<1			
ppm	□<1			
ppm	<1			
	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ppm <1	ppm <1	ppm <1

VOLVO

ADDIT	IVES			
Calcium	ppm	48	 	
Magnesium	ppm		 	
Zinc	ppm	422	 	
Phosphorus	ppm	337	 	
Barium	ppm	0	 	
Boron	ppm	0	 	



TRANSOURCE TRUCK & EQUIPMENT

901 EAST 60TH STREET NORTH SIOUX FALLS, SD US 57104 Contact: BRAD MAUPIN brad.maupin@transourceusa.com T: F: (605)336-2248

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:
 VOLVO0035

 Unique No:
 10992297

 Signed:
 Wes Davis

 Report Date:
 23 Apr 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 mdo E, 30,720 22 15,360 -21 7.680 20 3,840 -19 Ω 1,920 18 🛛 nber of particles (per 1 ml) Apr17/24 Apr17/24 4406:1999 Cleanlines 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q m lead 14 120 8 -13 60 ß 30 12 mdo Ę 15 11 2 10 8 ema 9 2 8 Ω Apr17/24 Apr17 21µ 14µ 38, 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 . Pio V 0.15 40 0.10 Abnormal 38. 0.05 0.00 36 Apr17/24 Apr17/24 Apr17/24 Apr17/24

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Contact/Location: BRAD MAUPIN - VOLVO0035