CONSTRUCTION EQUIPMENT SWA450923-20 M SQUAR TAKEUCHI TB235-2 12360 1919 - HYDRAULI

VCP434293 Sample No:

VOLVO

Oil Type:	VOLVO SUPER HYDRAULIC OIL 46			
Job No:	SWA450923-20 M SQUAR			

SAMPLE INFORMATION

Sample Number		VCP434293		
Sample Date		09 Jan 2024		
Machine Hours		1720		
Oil Hours		0		
Oil Changed		Changed		
Sample Status		NORMAL		
OIL CONDI	TION			
Visc @ 40°C	cSt	44.1		
Acid Number (AN)	mg KOH/g	0.17		
CONTAMIN	IATION			
Wator	0/	NEC	-	

Water	%	NEG	 	
Particles >4µm		670	 	
Particles >6µm		158	 	
Particles >14µm		9	 	
ISO 4406:1999 (c)		17/14/10	 	
100 110011000 (0)		17/14/10		
Silicon	ppm		 	
()	ppm ppm			

VFAR MFTAI S

Iron	ppm	 <1	 	
Copper	ppm	11	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

	VES			
Calcium	ppm	38	 	
Magnesium	ppm	0	 	
Zinc	ppm	72	 	
Phosphorus	ppm	245	 	
Barium	ppm	0	 	
Boron	ppm	0	 	



ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO0090 Unique No: 10830634 Signed: Don Baldridge Report Date: 15 Jan 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 ß mda E, 30,720 -22 15,360 -21 2 7,680 20 bnorma 3,840 -19 Ω 1,920 -18 🛛 nber of particles (per 1 ml) Jan9/24 Jan 9/24 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 11 15 copper 240 10 🖛 lead -14 6 9 120 8 -13 60. 30 12 bpm Ę 15 -11 10 8 4 9 2 8 Ω Jan9/24 Jan9/24 21µ 14µ 38, Viscosity @ 40°C Acid Number 52 0.18 Abnormal 50 0.16 48 0.14 (B/HO) HOX Bas 46 cSt (40°C) Ê 0.10 44 80.0 Number 42 - 90.0 40. 0.04 38 - Abnormal 0.02 36 0.00-Jan9/24. Jan9/24 Jan 9/24 Jan 9/24

Report Id: VOLVO0090 [WUSCAR] 06059252 (Generated: 01/15/2024 12:14:55) Rev: 1

Contact/Location: TODD LARK - VOLVO0090