CONSTRUCTION EQUIPMENT 301300-20 JHS BUILD TAKEUCHI TB235 123600202 - HYDRAUL

 Sample No:
 VCP415846

 Oil Type:
 AW HYDRAULIC OIL ISO 46

 Job No:
 301300-20 JHS BUILD

SAMPLE INFORMATION VCP415846 Sample Number Sample Date 25 Jul 2023 Machine Hours 2419 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 42.7 Acid Number (AN) mg KOH/g 0.34

CONTAM	IINATION			
Particles >4µm	-	828	 	
Particles >6µm		217	 	
Particles >14µm		28	 	
ISO 4406:1999 (c)	1	17/15/12	 	
Silicon	ppm	2	 	
Sodium	ppm	3	 	
Potassium	ppm	0	 	

VOLVO				
WEAR N	METALS			
Iron	ppm	8	 	
Copper	ppm	9	 	
Lead	ppm	 <1	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	<1	 	

Calcium ppm 32

	1+ 1+ · · · ·			
Magnesium	ppm	0	 	
Zinc	ppm	278	 	
Phosphorus	ppm	344	 	
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. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.

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:
 VOLV00090

 Unique No:
 10577661

 Signed:
 Wes Davis

 Report Date:
 01 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys Particle Count 10 - 491,520 -26 iron 9 chromium 245,760 -25 m nickel 8 122,880 -24 61,440 -23 ß mdo E, 30,720 -22 15,360 -21 2 7,680 20 bnorma 3,840 -19 0 1,920 -18 🛛 Jul25/23 umber of particles (per 1 ml) Jul25/23 4406:1999 Cleanlines 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q ad 14 120 8 -13 60 ß 30 12 mdo Ę 15 11 2 10 8 4 2 Ω Jul25/23 0, 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 1.00 T Abnormal Abnormal 0.90 50 0.80 48 (B/HO) 0.60 0.50 Wind KOH/(B) 0.50 0.40 В (10°05) tS2 44 Acid 1 42 Abnorma 0.20 Abnormal 40. 0.10 38 0.00-Jul25/23 Jul25/23 Jul25/23 Jul25/23

Report Id: VOLVO0090 [WUSCAR] 05911009 (Generated: 08/01/2023 10:29:36) Rev: 1

Contact/Location: TODD LARK - VOLVO0090