CONSTRUCTION EQUIPMENT 607581 PRIMORIS VOLVO A40G 352384 - HYDRAULIC SYSTEM

Sample No: VCP426235 Oil Type: VOLVO SUPE

VOLVO

Туре:	VOLVO SUPER HYDRAULIC OIL 46
o No:	607581 PRIMORIS

Job No:

SAMPLE INFORMATION VCP426235 Sample Number Sample Date 25 Sep 2023 Machine Hours 1110 Oil Hours 1110 Oil Changed Not Changd ABNORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 43.1 Acid Number (AN) mg KOH/g 0.38 CONTAMINATION with a state of the second 77400

Particles >4µm		//198	 	
Particles >6µm		<u> </u>	 	
Particles >14µm		🔺 165	 	
ISO 4406:1999 (c)		23/21/15	 	
Silicon	ppm	6	 	
Sodium	ppm	2	 	
Potassium	ppm	∎1	 	

WEAR METALS

Iron	ppm	2	 	
Copper	ppm		 	
Lead	ppm	2	 	
Tin	ppm		 	
Aluminum	ppm	■<1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

	IVES			
Calcium	ppm	58	 	
Magnesium	ppm	3	 	
Zinc	ppm	465	 	
Phosphorus	ppm	332	 	
Barium	ppm	0	 	
Boron	ppm	0	 	



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.com T: (813)630-0077 F: (813)630-2233

Diagnosis

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

 Depot:
 VOLVO0093

 Unique No:
 10709064

 Signed:
 Wes Davis

 Report Date:
 24 Oct 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys A Particle Count 491,520-10 T -26 iron 9 chromium 245,760 -25 •• nickel 8 122,880 -24 61,440 -23 ß mdo E, 30,720 -22 15,360 -21 2 7.680 20 3,840 -19 Ω 1,920 -18 🛛 Sep25/23 nber of particles (per 1 ml) Sep25/23 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q nan lead 14 • tin 120 8 -13 60 ß 12 30 mdo Ę 15 -11 3 10 8 emal 2 Ω Sep25/23 Sep25/23 0, 21µ 14μ 38µ Viscosity @ 40°C Acid Number 52 0.40 Abnormal 50 0.35 48 0.30 (B/HO) HO 0.25 Base 46 cSt (40°C) 44 y 0.23 bu) 10.20 Ng 0.15 42 0.15 Acid 40 0.10 38-Abnormal 0.05 36 0.00 Sep25/23 Sep25/23 Sep25/23 Sep25/23

Report Id: VOLVO0093 [WUSCAR] 05986402 (Generated: 10/25/2023 10:50:07) Rev: 1

Contact/Location: JOHN FARDELLA - VOLVO0093