

CONSTRUCTION EQUIPMENT VOLVO EC480EL 314271 - HYDRAULIC SYSTEM



Sample No:VCP0007404Oil Type:NOT GIVEN

Job No:

Barium

Boron

VOLVO				
SAMPLE I	NFORMATION			
Sample Number		VCP0007404	 	
Sample Date		19 Oct 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
		NORMAL		
VOLVO				
OIL COND	ITION			
Visc @ 40°C	cSt	43.0	 	
Acid Number (AN)	mg KOH/g	0.43	 	
CONTAMI				
	NATION		 	
Particles >4µm		2717	 	
Particles >6µm		632	 	
Particles >14µm		■41	 	
ISO 4406:1999 (c)		19/16/13	 	
Silicon	ppm	2	 	
Sodium	ppm	0	 	
Potassium	ppm	1	 	
WEAR ME	TAIS			
-		-		
ron	ppm	0	 	
Copper	ppm	12	 	
Lead	ppm	■ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	<1	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
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Calcium	ppm	74	 	
Magnesium	ppm	<1	 	
Zinc	ppm	485	 	
Phosphorus	ppm	366	 	



ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY JACKSONVILLE, FL US 32256 Contact: TECHNICIAN ACCOUNT catherine.anastasio@wearcheck.com T: F: (904)737-1260

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is ISO 46 AW Hydraulic Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample.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:
 VOLVO0092

 Unique No:
 10710692

 Signed:
 Wes Davis

 Report Date:
 25 Oct 2023

Report Id: VOLVO0092 [WUSCAR] 05988030 (Generated: 10/25/2023 12:21:40) Rev: 1

ppm

ppm

9

0

Submitted By: TECHNICIAN ACCOUNT

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

Ferrous Alloys Particle Count 10 - 491,520 **x** -26 iron 9 •• chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 ß Abnorma ppm E, 30,720 -22 15,360 -21 2 7,680 20 -19 3,840 Ω 1,920 -18 🛛 0ct19/23 ber of particles (per 1 ml) 0ct19/23 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 12 15 copper 240 11 lead 10 -14 6 tin 120 9 -13 60 8 30 12 mdo F 15 11 Ş 8 10 4 2 8 Ω 0ct19/23 0ct19/23 0, 21µ 14µ 38µ Viscosity @ 40°C Acid Number 52 0.45 51 Abnorma 0.40 50 49 0.35 48 (B/H0.30 47 (D=04) 45 Ê 0.25 Number 0.20 44 - Pg 0.15 43 42 0.10 41 Abnormal 0.05 40 0.00-39 0ct19/23 0ct19/23 0ct19/23 0ct19/23

Report Id: VOLVO0092 [WUSCAR] 05988030 (Generated: 10/25/2023 12:21:43) Rev: 1

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