CONSTRUCTION EQUIPMENT 659020 TUCKER PAVING VOLVO EC550EL 310196 - HYDRAULIC

Sample No: VCP428793

VOLVO

Oil Type:VOLVO SUPER HYDRAULIC OIL 46Job No:659020 TUCKER PAVING

## SAMPLE INFORMATION

Sample Number		VCP428793	VCP371170	 
Sample Date		05 Jan 2024	07 Sep 2023	 
Machine Hours		1236	689	 
Oil Hours		1236	689	 
Oil Changed		Not Changd	Changed	 
Sample Status		NORMAL	NORMAL	 
OIL CONDI	TION			
Visc @ 40°C	cSt	<b>41.5</b>	41.8	 
Acid Number (AN)	mg KOH/g	0.50	0.52	 
VOLVO				

CONTAN	MINATION			
Water	%	NEG	NEG	 
Particles >4µm		3513	4098	 
Particles >6µm		392	639	 
Particles >14µm		20	29	 
ISO 4406:1999 (c	:)	19/16/11	19/16/12	 
Silicon	ppm	2	3	 
Sodium	ppm	0	<b></b> <1	 
Potassium	ppm	0	<b></b> <1	 

## 🎾 WEAR METALS

Iron	ppm	0	1	 
Copper	ppm	<b>12</b>	9	 
Lead	ppm	□<1	0	 
Tin	ppm	0	0	 
Aluminum	ppm	0	0	 
Chromium	ppm	<b>□</b> <1	0	 
Molybdenum	ppm	0	0	 
Nickel	ppm	0	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	0	0	 
Vanadium	ppm	0	0	 

VOLVO

ADDITI	VE2			
Calcium	ppm	75	92	 
Magnesium	ppm	0	0	 
Zinc	ppm	529	561	 
Phosphorus	ppm	<b>405</b>	446	 
Barium	ppm	0	0	 
Boron	ppm	0	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

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:
 VOLVO0033

 Unique No:
 10861820

 Signed:
 Wes Davis

 Report Date:
 06 Feb 2024

Report Id: VOLVO0093 [WUSCAR] 06079729 (Generated: 02/07/2024 10:20:13) Rev: 1

Contact/Location: JOHN FARDELLA - VOLVO0093

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO

#### Ferrous Alloys Particle Count 10 <del>-</del> 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 0 1,920 -18 🛛 Sep7/23 Jan5/24 ber of particles (per 1 ml) 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 480 16 12 15 copper 240 11 🖛 lead 10 -14 6 120 9 -13 60 8 30 12 mdo ß 15 -11 Ş 10 8 4 9 2 8 Ω Sep7/23 Jan5/24 21µ $14\mu$ 38µ Viscosity @ 40°C Acid Number 52 0.55 Abnormal 50 0.50 0.45 48 (B/HO) 0.35 Base 46 cSt (40°C) 41 Ē 0.30 Vin Number Vicio Acid 42 40 0.10 Abnormal 38 0.05 0.00 36 Jan5/24. Sep7/23 Sep7/23 Jan5/24

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