

CONSTRUCTION EQUIPMENT VOLVO L60H 621848 - HYDRAULIC SYSTEM



Sample No: VCP446673

Oil Type: VOLVO SUPER HYDRAULIC OIL 46

Job No:

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

	NFORMATION			 _
Sample Number		VCP446673	VCP421426	
Sample Date		14 May 2024	18 Aug 2023	
Machine Hours		5769	4546	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		ATTENTION	ABNORMAL	
VOLVO				
💛 OIL CONDI	TION			
Visc @ 40°C	cSt	49.6	48.1	
Acid Number (AN)	mg KOH/g	0.34	0.60	
CONTAMI				
Water	%	NEG	NEG	
Particles >4µm	70	8540	11521	
Particles >6µm		2095	2324	
Particles >14µm		121	244	
ISO 4406:1999 (c)		20/18/14	21/18/15	
Silicon	ppm		21/10/13	
Sodium	ppm	1	0	
Potassium	ppm	0	1	
	ppiii		<u> </u>	
VOLVO	7416			
VEAR ME	IALS			
Iron	ppm	7	7	
Copper	ppm	2	3	
Lead	ppm	3	3	
Tin	ppm	0	□ <1	
Aluminum	ppm	□ <1	0	
Chromium	ppm	1	1	
Molybdenum	ppm	5	0	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	0	0	
Vanadium	ppm	0	0	

46

< 1

398

304

0

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

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

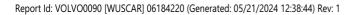
 Depot:
 VOLVO0090

 Unique No:
 11035546

 Signed:
 Wes Davis

 Report Date:
 21 May 2024

 Contact/Location: TODD LARK - VOLVO0090



213

38

416

343

0 🔲

9

ppm

ppm

ppm

ppm

ppm

ppm

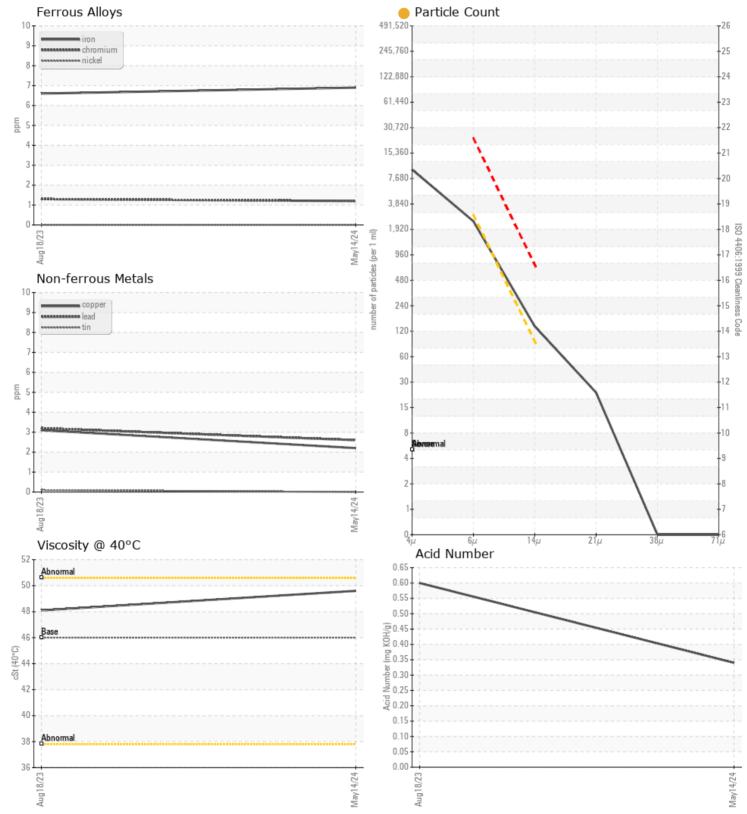
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CONSTRUCTION EQUIPMENT



🥖 GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06184220 (Generated: 05/21/2024 12:38:47) Rev: 1

Contact/Location: TODD LARK - VOLVO0090