

CONSTRUCTION EQUIPMENT VOLVO L90H 623696 - HYDRAULIC SYSTEM



Sample No: VCP418624

Oil Type:	
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CHEVRON HYDRAULIC OIL AW ISO 46

Job No:

	INFORMATION				
Sample Number		VCP418624	 		
Sample Date		30 Aug 2023	 		
Machine Hours		14692	 		
Oil Hours		0	 		
Oil Changed		Changed	 		
Sample Status		NORMAL	 		
VOLVO					
OIL CON	DITION				
Visc @ 40°C	cSt	43.0	 		
Acid Number (AN	I) mg KOH/g	0.35	 		
	IINATION				
Particles >4µm		1445	 		
Particles >6µm		375	 		
Particles > 14µm		14	 		
ISO 4406:1999 (c)		18/16/11	 		
Silicon	ppm	2	 		
Sodium	ppm	38	 		
Potassium	ppm	90	 		
VOLVO					
VEAR M	IETALS				
Iron	ppm	0	 		
Copper	ppm	1	 		
Lead	ppm	5			
Tin					
	ppm	1	 		
Aluminum	ppm ppm				
	ppm	□ 1 □ 1 □ <1			
Chromium	ppm ppm	∎1 ■<1	 		
Chromium Molybdenum	ppm ppm ppm	1	 		
Chromium Molybdenum Nickel	ppm ppm ppm ppm	□1 □<1 □<1	 		
Chromium Molybdenum Nickel Titanium	ppm ppm ppm ppm ppm	□1 □<1 □<1 □<1	 		
Chromium Molybdenum Nickel Titanium Silver	ppm ppm ppm ppm ppm ppm	□1 □ <1 □ <1 □ <1 0 1	 		
Chromium Molybdenum Nickel Titanium Silver Manganese	ppm ppm ppm ppm ppm ppm ppm	□1 □ <1 □ <1 □ <1 □ <1 0			
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm	1 <1 <1 <1 <1 0 1 0			
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm ppm	1 <1 <1 <1 <1 <1 0 1 1 0			
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium ADDITIN	ppm ppm ppm ppm ppm ppm ppm	□1 □ <1 □ <1 □ <1 0 1 □ 0 1 1			
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium ADDITIV Calcium	ppm ppm ppm ppm ppm ppm ppm ppm	□ 1 □ <1 □ <1 □ <1 0 1 □ 0 1 □ 0 1 □ 0 1 □ 0 1			
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium Calcium Magnesium	ppm ppm ppm ppm ppm ppm ppm ppm	□ 1 □ <1 □ <1 □ <1 0 1 □ 0 1 □ 0 1 □ 0 1 □ 0 1 □ 1 □ 1 □ 1 □ 1 □ 1 □ 1 □ 1			
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium Calcium Magnesium Zinc	ppm ppm ppm ppm ppm ppm ppm ppm	□ 1 □ <1 □ <1 □ <1 0 1 □ 0 1 □ 0 1 □ 0 1 □ 0 1 □ 28			
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium Calcium Calcium Magnesium Zinc Phosphorus	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	□ 1 □ <1 □ <1 □ <1 □ 0 1 □ 0 1 □ 0 1 □ 0 1 □ 0 1 □ 28 □ 179		Image: Section of the section of t	
Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium Vanadium Calcium Calcium Magnesium Zinc Phosphorus Barium Boron	ppm ppm ppm ppm ppm ppm ppm ppm	□ 1 □ <1 □ <1 □ <1 0 1 □ 0 1 □ 0 1 □ 0 1 □ 0 1 □ 28			



ROMCO INC - AUSTIN BRANCH

1150 WEST OLD SETTLERS BOULEVARD ROUNDROCK, TX US 78681 Contact: ED MAYES EMAYES@ROMCO.COM T: (737)204-9402 F: (512)388-2673

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.

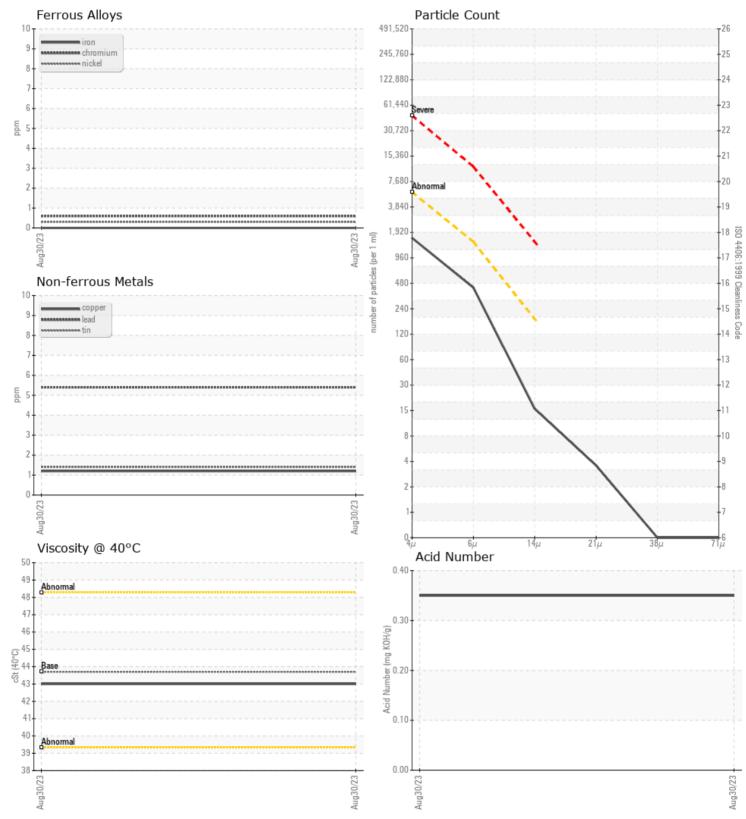
Depot:	VOLVO0088
Unique No:	10659795
Signed:	Wes Davis
Report Date:	25 Sep 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0088 [WUSCAR] 05958582 (Generated: 09/30/2023 08:56:25) Rev: 2

Contact/Location: ED MAYES - VOLVO0088