

CONSTRUCTION EQUIPMENT 530031 VOLVO L70H 622892 - HYDRAULIC SYSTEM



Sample No: VCP428569

Oil Type: **VOLVO SUPER HYDRAULIC OIL 46**

Job No: 530031

VOLVO	NEODMATION			
	INFORMATION			
Sample Number		VCP428569	 	
Sample Date		18 Apr 2024	 	
Machine Hours		6146	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL COND	ITION			
_				
Visc @ 40°C	cSt	44.9	 	
Acid Number (AN)	mg KOH/g	0.44	 	
VOLVO				
CONTAMI	NATION			
_		NEC		
Water	%	NEG	 	
Particles >4µm		6602	 	
Particles >6µm		2161	 	
Particles > 14µm		223	 	
ISO 4406:1999 (c)		20/18/15	 	
Silicon	ppm	2	 	
Sodium	ppm	■ <1	 	
Potassium	ppm	■ <1	 	
VOLVO				
WEAR ME	ZIAT			
_			 	
Iron	ppm	1		
Copper	ppm	■ <1	 	
Lead	ppm	0	 	
Tin	ppm	■0	 	
Aluminum	ppm	■0	 	
Chromium	ppm	■ 0	 	
Molybdenum	ppm	■3	 	
Nickel	ppm	■0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	
ADDITIVE	7			
_		-420		
Calcium	ppm	139	 	
Magnesium	ppm	24	 	
Zinc	ppm	■438	 	



ALTA EQUIPMENT

5985 COURT STREET ROAD SYRACUSE, NY US 13206 Contact: JIM STRIGLE JIM.STRIGLE@ALTG.COM T: (315)437-2611 F: (315)434-9471

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: VOLVO0142 **Unique No:** 10991239 Signed: Wes Davis Report Date: 23 Apr 2024

337

0

5

ppm

ppm

ppm

Phosphorus

Barium

Boron



CONSTRUCTION EQUIPMENT





GRAPHS

