# **CONSTRUCTION EQUIPMENT** 380814-10 IAA LINCOL VOLVO L90H 626899 - HYDRAULICSYSTE

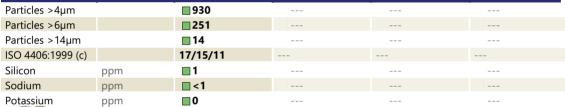
Sample No: VCP415312

VOLVO

**Oil Type: VOLVO SUPER HYDRAULIC OIL 46** 380814-10 IAA LINCOL

Job No:

### SAMPLE INFORMATION VCP415312 Sample Number Sample Date 05 Oct 2023 Machine Hours 700 Oil Hours 700 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 44.3 Acid Number (AN) mg KOH/g 0.48 CONTAMINATION





WEAR I	METALS			
Iron	ppm	■<1	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

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Calcium	ppm	82	 	
Magnesium	ppm	2	 	
Zinc	ppm	436	 	
Phosphorus	ppm	334	 	
Barium	ppm	0	 	
Boron	ppm	0	 	



## ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE **BLOOMINGTON, IL** US 61705 Contact: JUSTIN PERRY justin.perry@altg.com T: (309)533-9285 F:

## 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: VOLVO5054 Unique No: 10699626 Signed: Wes Davis Report Date: 19 Oct 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO

#### Ferrous Alloys Particle Count 491,520 10 T -26 iron 9 chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 ß ppm E, 30,720 -22 15,360 -21 2 7,680 20 bnorma 3,840 -19 0 1,920 -18 🛛 0ct5/23 nber of particles (per 1 ml) 0ct5/23 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 9 m lead -14 6 tin 120 8 -13 60 ß 30 12 mdo Ę 15 -11 2 10 8 2 4 9 2 8 0 0ct5/23 0ct5/23 0, 21µ $14\mu$ 38, Viscosity @ 40°C Acid Number 52 0.50 Abnormal 50 0.45 0.40 48 Base 46 cSt (40°C) 44 0.25 Numper 0.20 42 U PCIQ 0.15 40 0.10 38 Abnormal 0.05 0.00-36 0ct5/23. 0ct5/23 0ct5/23 0ct5/23

Contact/Location: JUSTIN PERRY - VOLVO5054