

## CONSTRUCTION EQUIPMENT ALSPACH CONSTRUCTION TAKEUCHI TB225 122600049 - DIESEL

 Sample No:
 VCP414750

 Oil Type:
 TAKEUCHI 15

Job No:

TAKEUCHI 15W40 ALSPACH CONSTRUCTION

SAMPLE INFORMATION Sample Number VCP414750 Sample Date 08 Sep 2023 Machine Hours 719 Oil Hours 719 Changed Oil Changed ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt **10.7** 11.3 Base Number (BN) mg KOH/g Oxidation (PA) 76 %

CONTAMINATION % 0.7 Soot % Nitration (PA) % 140 Sulfation (PA) % 75 % NEG Glycol Fuel % 1.0 Silicon ppm 76 Sodium 28 ppm Potassium ppm 7

OLVO WEAD N

WEAR M	IETALS			
Iron	ppm	<b>160</b>	 	
Copper	ppm	30	 	
Lead	ppm	2	 	
Tin	ppm	3	 	
Aluminum	ppm	<b>1</b>	 	
Chromium	ppm	<b>4</b>	 	
Molybdenum	ppm	147	 	
Nickel	ppm	5	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	0	 	

Vanadia

ADDITIVES								
Calcium	ppm	5187						
Magnesium	ppm	28						
Zinc	ppm	<b>1712</b>						
Phosphorus	ppm	1324						
Barium	ppm	22						
Boron	ppm	26						



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

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO0093

 Unique No:
 10688803

 Signed:
 Jonathan Hester

 Report Date:
 16 Oct 2023

Report Date:

Report Id: VOLVO0093 [WUSCAR] 05976853 (Generated: 10/29/2023 02:59:51) Rev: 1

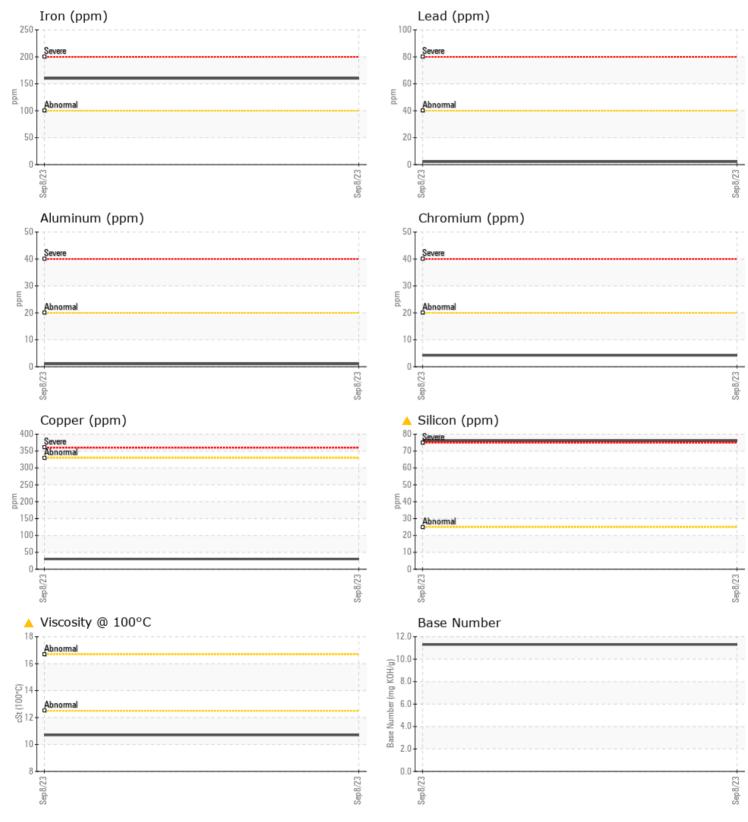
Contact/Location: JOHN FARDELLA - VOLVO0093

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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