## **CONSTRUCTION EQUIPMENT** HERC RENTALS VOLVO L70H 624421 - DIESEL ENGINE



Sample No:VCP435947Oil Type:DIESEL ENGINE OIL SAE 40Job No:HERC RENTALS

VOLVO

## SAMPLE INFORMATION Sample Number VCP435947 Sample Date 30 Nov 2023 Machine Hours 718 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.0 Base Number (BN) mg KOH/g 7.8 Oxidation (PA) 53 % CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) 45 % % 53 Sulfation (PA) Glycol % NEG % Fuel <1.0 Silicon ppm **4** Sodium ppm 0 🔲 Potassium ppm 2

OLVO WEAD

WEAK N	AFIAT2			
Iron	ppm	<b>4</b>	 	
Copper	ppm		 	
Lead	ppm	<b></b> <1	 	
Tin	ppm		 	
Aluminum	ppm	7	 	
Chromium	ppm		 	
Molybdenum	ppm	85	 	
Nickel	ppm		 	
Titanium	ppm	<b></b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	<1	 	

ADDITIVES								
Calcium	ppm	1297						
Magnesium	ppm	350						
Zinc	ppm	1159						
Phosphorus	ppm	903						
Barium	ppm	□<1						
Boron	ppm	362						



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLV00093

 Unique No:
 10870776

 Signed:
 Wes Davis

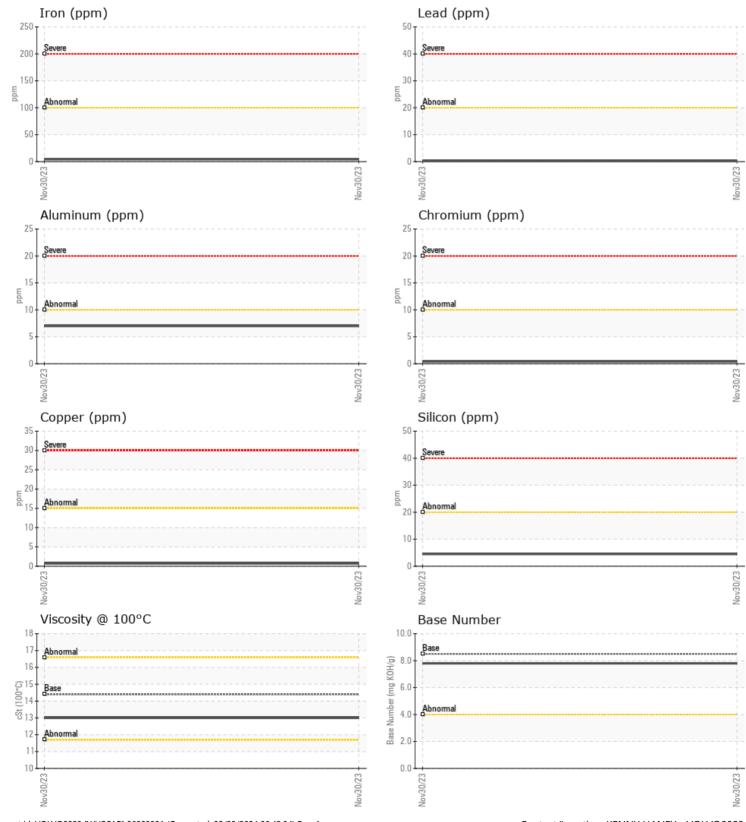
 Report Date:
 08 Feb 2024

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 06083331 (Generated: 02/08/2024 20:42:34) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093