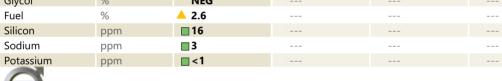
CONSTRUCTION EQUIPMENT SWA347684 AVANT 635 1104182216 - DIESEL ENGINE

Sample No:	VCP401367
Oil Type:	DIESEL ENGINE OIL SAE 30
Job No:	SWA347684

VOLVO

## SAMPLE INFORMATION VCP401367 Sample Number Sample Date 30 Aug 2023 Machine Hours 262 Oil Hours 262 Oil Changed Changed Sample Status MARGINAL **OIL CONDITION** Visc @ 100°C cSt 12.4 Base Number (BN) mg KOH/g 10.5 Oxidation (PA) 76 % CONTAMINATION % 0.1 Soot % Nitration (PA) % 49 Sulfation (PA) % 58 % NEG Glycol Fuel



WEAR I	METALS			
Iron	ppm	<b>10</b>	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	<b></b> <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	45	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	0	 	

Vanadium

ADDIT	IVES			
Calcium	ppm	<b>1771</b>	 	
Magnesium	ppm	587	 	
Zinc	ppm	<b>1199</b>	 	
Phosphorus	ppm	966	 	
Barium	ppm	0	 	
Boron	ppm	<b>68</b>	 	
DOION	221			



## ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. Metal levels are typical for a components first oil change. Light fuel dilution occurring. No other contaminants were detected 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:
 VOLVO0090

 Unique No:
 10632422

 Signed:
 Wes Davis

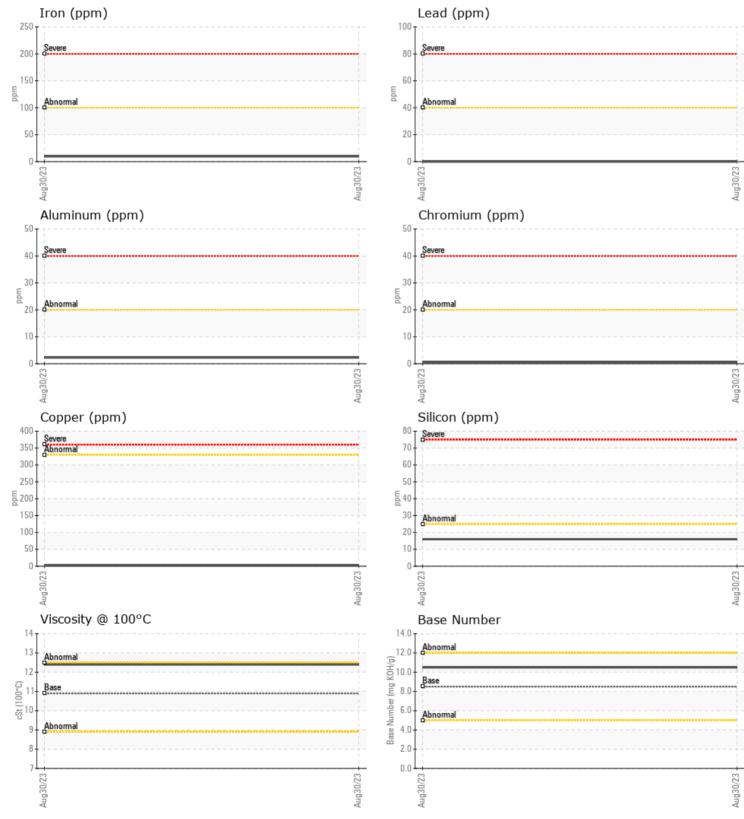
 Report Date:
 06 Sep 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 05941810 (Generated: 09/06/2023 11:02:00) Rev: 1

Contact/Location: TODD LARK - VOLVO0090