## CONSTRUCTION EQUIPMENT SPM621837 ENV ARTIST TAKEUCHI TB235 123502587 - DIESEL

Sample No:VCP409111Oil Type:DIESEL ENGINE OIL SAE 15W40

VOLVO

Job No: SPM621837 ENV ARTIST

## SAMPLE INFORMATION VCP409111 Sample Number Sample Date 03 Nov 2023 Machine Hours 3865 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.4 Base Number (BN) mg KOH/g 9.2 Oxidation (PA) 69 % CONTAMINATION % 04 Soot %

3001 /0	70	0.4	 	
Nitration (PA)	%	80	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>12</b>	 	
Sodium	ppm	2	 	
Potassium	ppm		 	

WEAR M	IETALS			
Iron	ppm	<b>1</b> 8	 	
Copper	ppm	<b>1</b>	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	5	 	
Chromium	ppm	0	 	
Molybdenum	ppm	53	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	0	 	

Vanadala

ADDITIVES								
ppm	<b>1176</b>							
ppm	<b>1028</b>							
ppm	<b>1350</b>							
ppm	<b>1065</b>							
ppm	0							
ppm	<b>10</b>							
	ppm ppm ppm ppm	ppm 1028 ppm 1350 ppm 1065 ppm 0	ppm         1028            ppm         1350            ppm         1065            ppm         0	ppm         1028             ppm         1350             ppm         1065             ppm         0				



ALTA CONSTRUCTION EQUIPMENT LLC

G-3283 S. DORT HIGHWAY BURTON, MI US 48529 Contact: BURTON SERVICE BURTON.SERVICE@ALTAEQUIPMENT.COM T: E:

## Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. 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:
 VOLVO5023

 Unique No:
 10736439

 Signed:
 Wes Davis

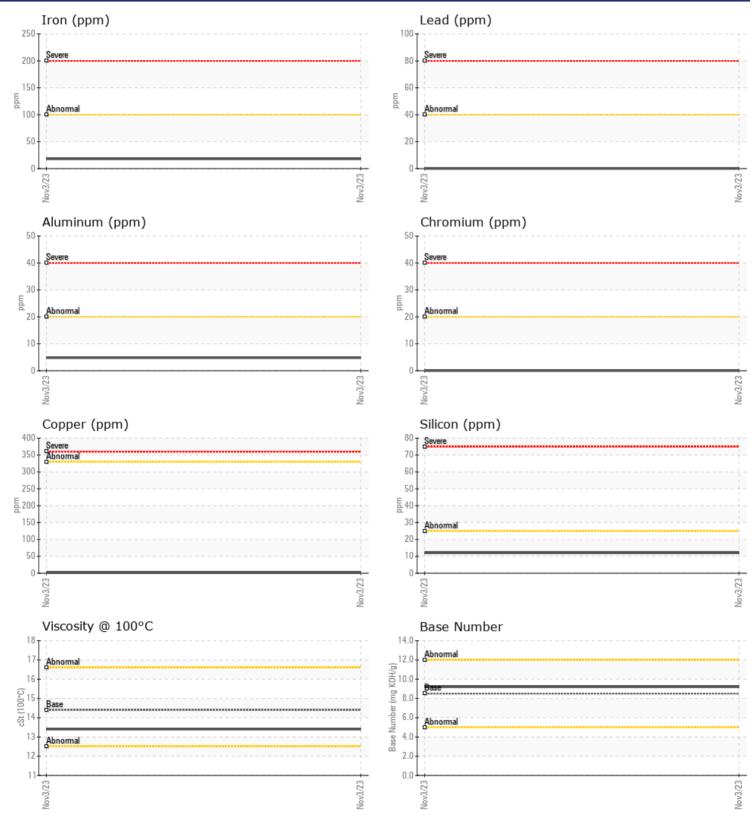
 Report Date:
 10 Nov 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: BURTON SERVICE - VOLVO5023