## **CONSTRUCTION EQUIPMENT** SPM647553-10 VOLVO L90H 625804 - DIESEL ENGINE



Sample No: VCP436715 **Oil Type:** SPM647553-10

VOLVO

### VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

### SAMPLE INFORMATION VCP436715 Sample Number VCP418609 Sample Date 10 Jan 2024 01 Sep 2023 Machine Hours 3506 3029 Oil Hours 0 0 Oil Changed Changed N/A NORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.1 13.0 10.1 Base Number (BN) mg KOH/g 10.4 Oxidation (PA) 79 % 72 CONTAMINATION NEG % NEG Water

Soot %	%	0.5	0.5	 
Nitration (PA)	%	60	61	 
Sulfation (PA)	%	60	57	 
Glycol	%	NEG	NEG	 
Fuel	%	<1.0	<1.0	 
Silicon	ppm	6	6	 
Sodium	ppm	<b>■</b> <1	2	 
Potassium	ppm	0	2	 

WEAR I	METALS			
Iron	ppm	11	16	 
Copper	ppm	<b>1</b>	4	 
Lead	ppm	<b></b> <1	<b></b> < 1	 
Tin	ppm	0	<1	 
Aluminum	ppm	7	6	 
Chromium	ppm	2	1	 
Molybdenum	ppm	47	52	 
Nickel	ppm	∎1	0	 
Titanium	ppm	0	<1	 
Silver	ppm		0	 
Manganese	ppm	<b></b> <1	<1	 
Vanadium	ppm	<1	<1	 

ADDITIVES							
Calcium	ppm	<b>1607</b>	1818				
Magnesium	ppm	544	583				
Zinc	ppm	<b>1174</b>	1176				
Phosphorus	ppm	908	938				
Barium	ppm	0	0				
Boron	ppm	22	33				



### 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

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: VOLVO0090 Unique No: 10830453 Signed: Wes Davis Report Date: 12 Jan 2024

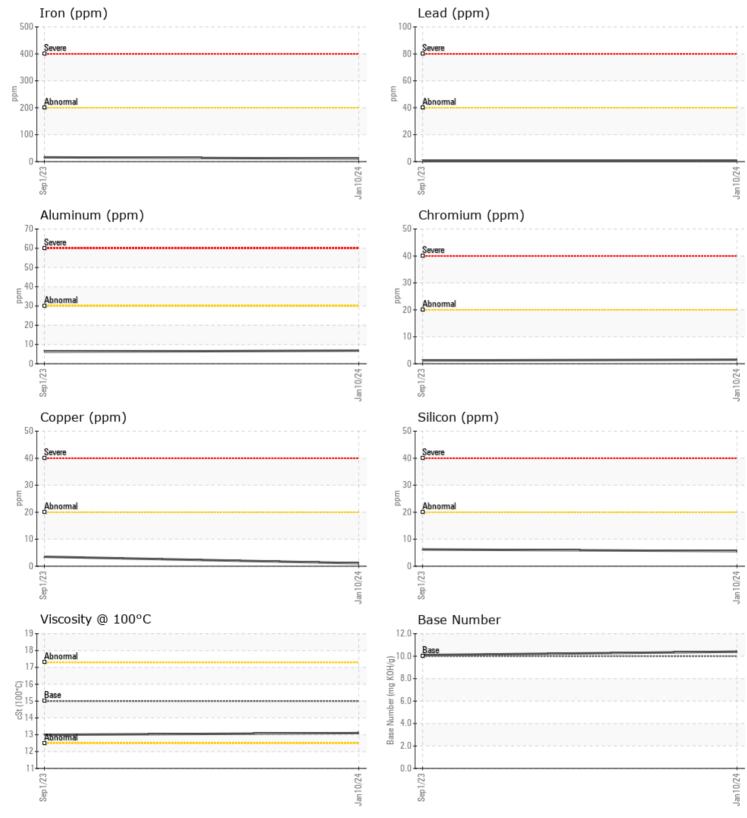
Contact/Location: TODD LARK - VOLVO0090

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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