CONSTRUCTION EQUIPMENT SWA436324-10 VOLVOL110632421-DIESEL ENGINE

 Sample No:
 VCP436257

 Oil Type:
 DIESEL ENGINE OIL SAE 40

 Job No:
 SWA436324-10

VOLVO

Silicon

Sodium

/12

Potassium

SAMPLE INFORMATION Sample Number VCP436257 Sample Date 22 Dec 2023 Machine Hours 15171 Oil Hours 0 Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.0 Base Number (BN) mg KOH/g 10.0 Oxidation (PA) 77 % CONTAMINATION NEG % Water % Soot % 0.4 Nitration (PA) % 68 % 59 Sulfation (PA) Glycol % NEG Fuel % <1.0



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.

WEAR	METALS			
			 <u>.</u>	
Iron	ppm	23	 	
Copper	ppm	10	 	
Lead	ppm	3	 	
Tin	ppm	2	 	
Aluminum	ppm	11	 	
Chromium	ppm	∎1	 	
Molybdenum	ppm	48	 	
Nickel	ppm		 	
Titanium	ppm	■<1	 	
Silver	ppm		 	
Manganese	ppm	∎1	 	
Vanadium	ppm	<1	 	

10

2

2

ppm

ppm

ppm

ADDITIVES								
Calcium	ppm	1619						
Magnesium	ppm	562						
Zinc	ppm	1204						
Phosphorus	ppm	1041						
Barium	ppm	3						
Boron	ppm	35						

 Depot:
 VOLVO0090

 Unique No:
 10857571

 Signed:
 Don Baldridge

 Report Date:
 01 Feb 2024

Report Id: VOLVO0090 [WUSCAR] 06075480 (Generated: 02/01/2024 13:12:44) Rev: 1

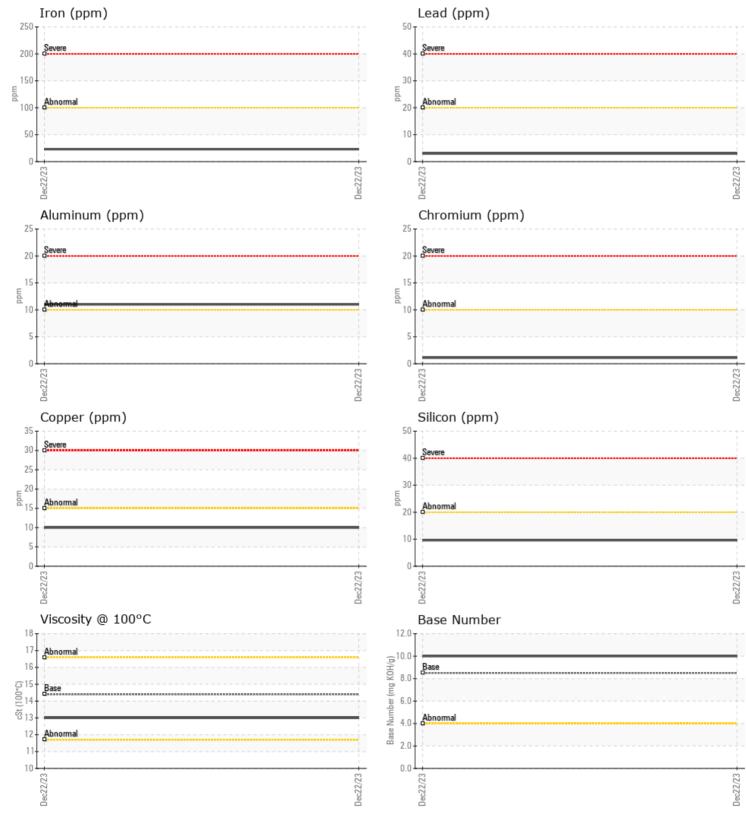
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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