CONSTRUCTION EQUIPMENT

 Sample No:
 VCP449263

 Oil Type:
 {unknown}

 Job No:
 SPM659560-10

VOLVO

SAMPLE I	NFORMATION		 	
Sample Number		VCP449263	 	
Sample Date		19 Jan 2024	 	
Machine Hours		519	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL COND	ITION			
Visc @ 100°C	cSt	10.5	 	
		9.1		
Base Number (BN) Oxidation (PA)	mg KOH/g %	88	 	
Oxidation (PA)	70	00	 	
VOLVO				
CONTAMI	NATION			
Water	%	NEG	 	
Soot %	%	∎0.1	 	
Nitration (PA)	%	74	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	
Fuel	%	<u> </u>	 	
Silicon	ppm	<mark>/</mark> 78	 	
Sodium	ppm	5	 	
Potassium	ppm	6	 	
VOLVO			 	
WEAR ME	TALS			
Iron	-	17	 	
Common	ppm		 	



ADDITIVES								
Calcium	ppm	🔳 1569						
Magnesium	ppm	494						
Zinc	ppm	1105						
Phosphorus	ppm	937						
Barium	ppm	8						
Boron	ppm	32						



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. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of seal material. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLV00090

 Unique No:
 10857570

 Signed:
 Jonathan Hester

 Report Date:
 02 Feb 2024

Report Id: VOLVO0090 [WUSCAR] 06075479 (Generated: 02/02/2024 10:08:34) Rev: 1

Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

