CONSTRUCTION EQUIPMENT SWA542784 - DIESEL ENGINE

Sample No:	VCP455208
Oil Type:	DIESEL ENGINE OIL SAE 10W30
Job No:	SWA542784

SAMPLE INFORMATION

Potassium

1

ppm

2

VOLVO

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Sample Number		VCP455208			
Sample Date		25 Apr 2024			
Machine Hours		754			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		NORMAL			
OIL CONDI					
Visc @ 100°C	cSt	11.6			
Base Number (BN)	mg KOH/g	■7.1			
Oxidation (PA)	%	83			
CONTAMI					
	VATION				
Water	%	NEG			
Soot %	%	0.8			
Nitration (PA)	%	98			
Sulfation (PA)	%	62			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	13			
Sodium	ppm	3			

WEAR METALS Iron 47 ppm Copper 99 ppm Lead 4 ppm Tin ■ <1 ppm Aluminum ppm 6 **1** Chromium ppm Molybdenum ppm 66 🔲 Nickel ■ <1 ppm Titanium **||** <1 ppm Silver 0 🔲 ppm Manganese **||** <1 ppm Vanadium <1 ppm

ADDITIVES							
Calcium	ppm	1201					
Magnesium	ppm	811					
Zinc	ppm	1223					
Phosphorus	ppm	972					
Barium	ppm	0					
Boron	ppm	2					





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.Metal levels are typical for a new component breaking in. 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: 11004824 Signed: Wes Davis Report Date: 01 May 2024

Contact/Location: TODD LARK - VOLVO0090

Report Id: VOLVO0090 [WUSCAR] 06164105 (Generated: 05/03/2024 16:06:55) Rev: 1

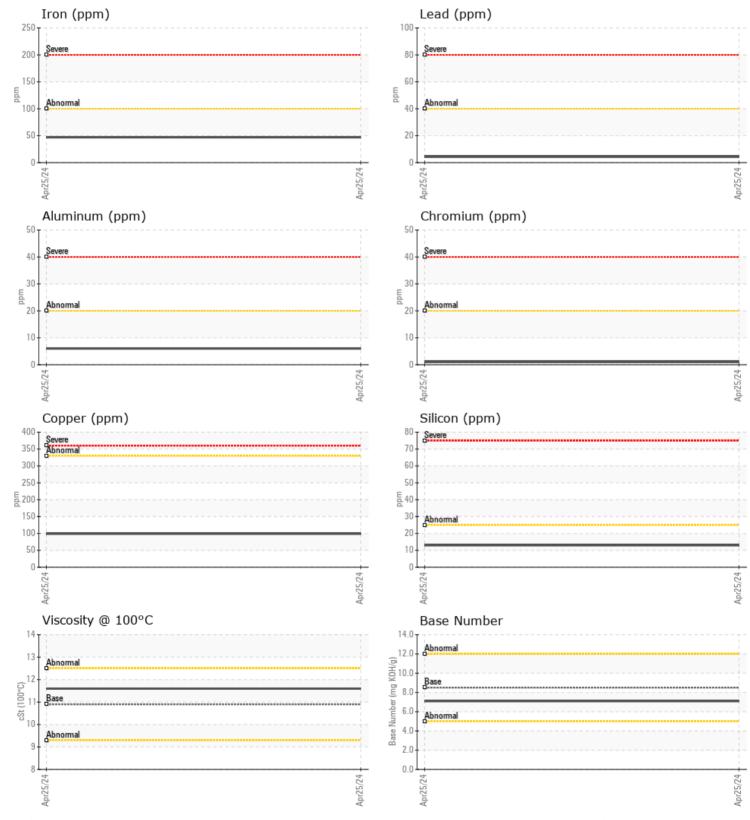
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: TODD LARK - VOLVO0090