

## **CONSTRUCTION EQUIPMENT** VOLVO A45G 752059 - DIESEL ENGINE



Sample No: VCP449978

**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SAMPLE IN	FORMATION				
Sample Number	-	VCP449978	VCP445954		
Sample Date		04 Jun 2024	29 Feb 2024		
Machine Hours		1204	732		
Dil Hours		0	0		
Dil Changed		Changed	Changed		
Sample Status		NORMAL	ATTENTION		
Sample Status		NORMAL	ATTENTION		
VOLVO					
V OIL CONDI	TION				
/isc @ 100°C	cSt	12.3	10.8		
Base Number (BN)	mg KOH/g	9.0	5.3		
Dxidation (PA)	%	77	57		
CONTAMIN					
Contamin	IATION				
Water	%	NEG	NEG		
Soot %	%	0.3	0.4		
Nitration (PA)	%	61	78		
Sulfation (PA)	%	63	57		
Glycol	%	NEG	NEG		
uel	%	<1.0	0.7		
Silicon	ppm	8	26		
Sodium	ppm	<b>  </b> <1	4		
Potassium	ppm	<b>1</b>	0		
VOLVO	TAIC				
VEAR ME	IALS			<u> </u>	<u>-</u>
ron	ppm	<b>10</b>	22		
Copper	ppm	98	230		
ead	ppm	<b>  </b> <1	2		
<b>Tin</b>	ppm	2	4		
Aluminum	ppm	2	3		
Chromium	ppm	<b>■</b> <1	1		
Molybdenum	ppm	47	80		
Nickel	ppm	2	9		
Titanium	ppm	<1	0		
Silver	ppm	0	0		
Manganese	ppm	<b>  </b> <1	1		
/anadium	ppm	0	0		
	-				
Calcium	ppm	<b>1693</b>	2197		
Magnesium	ppm	<b>445</b>	23		
Zinc	ppm	<b>1104</b>	1074		
Phosphorus	ppm	898	956		
Barium	ppm	0	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.

 Depot:
 VOLV00090

 Unique No:
 11073567

 Signed:
 Sean Felton

 Report Date:
 13 Jun 2024

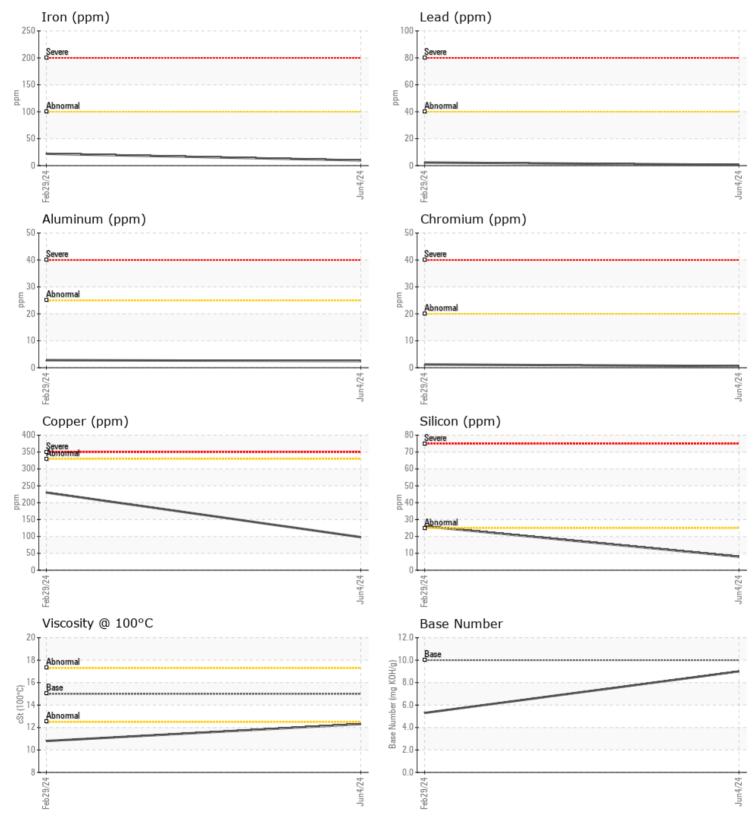
Contact/Location: TODD LARK - VOLVO0090

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06206106 (Generated: 06/13/2024 12:22:36) Rev: 1

Contact/Location: TODD LARK - VOLVO0090