

## **CONSTRUCTION EQUIPMENT** VOLVO L90H 626546 - DIESEL ENGINE



Sample No: VCP445619

**Oil Type:** 

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

	FORMATION			-
Sample Number		VCP445619	VCP421052	 
Sample Date		23 Apr 2024	08 Dec 2023	 
Machine Hours		2021	1637	 
Dil Hours		0	0	 
Dil Changed		Changed	N/A	 
Sample Status		NORMAL	NORMAL	 
VOLVO				
🔰 OIL CONDI'	TION			
/isc @ 100°C	cSt	14.0	13.3	 
Base Number (BN)		9.7	8.9	 
Dxidation (PA)	%	65	85	 
	,,,			
VOLVO				
Contamin	IATION			
Vater	%	NEG	NEG	 
Soot %	%	0.4	0.7	 
Nitration (PA)	%	58	83	 
Sulfation (PA)	%	55	61	 
Slycol	%	NEG	NEG	 
uel	%	<1.0	<1.0	 
Silicon	ppm	6	11	 
Sodium	ppm	<b>1</b>	2	 
otassium	ppm	2	<b></b> <1	 
WEAR ME	ταις			
<u> </u>				 
ron	ppm	<b>■</b> 13	28	 
Copper	ppm	2	6	 
.ead	ppm	■ <1	0	 
īn .	ppm		2	 
Aluminum	ppm	5	9	 
Chromium	ppm	<b>1</b>	3	 
Molybdenum	ppm	52	48	 
Nickel	ppm	0	□ <1	 
Titanium	ppm	<1	0	 
Silver	ppm	0	0	 
/langanese	ppm	<b>□</b> <1	1	 
/anadium	ppm	<1	0	 
VOLVO				 
	5			
Calcium	ppm	1271	1715	 
Agnesium	ppm	712	591	 
Zinc	ppm	1125	1223	 
hosphorus	ppm	924	1007	 
Barium	ppm	0	0	 



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e at the next service interval or.All component wear rates nal. There is no indication of amination in the oil. The BN licates that there is suitable remaining in the oil. The n of the oil is suitable for ervice.

VOLVO0090 11004823 **:** Signed: Don Baldridge Report Date: 01 May 2024

Report Id: VOLVO0090 [WUSCAR] 06164104 (Generated: 05/03/2024 16:06:46) Rev: 1

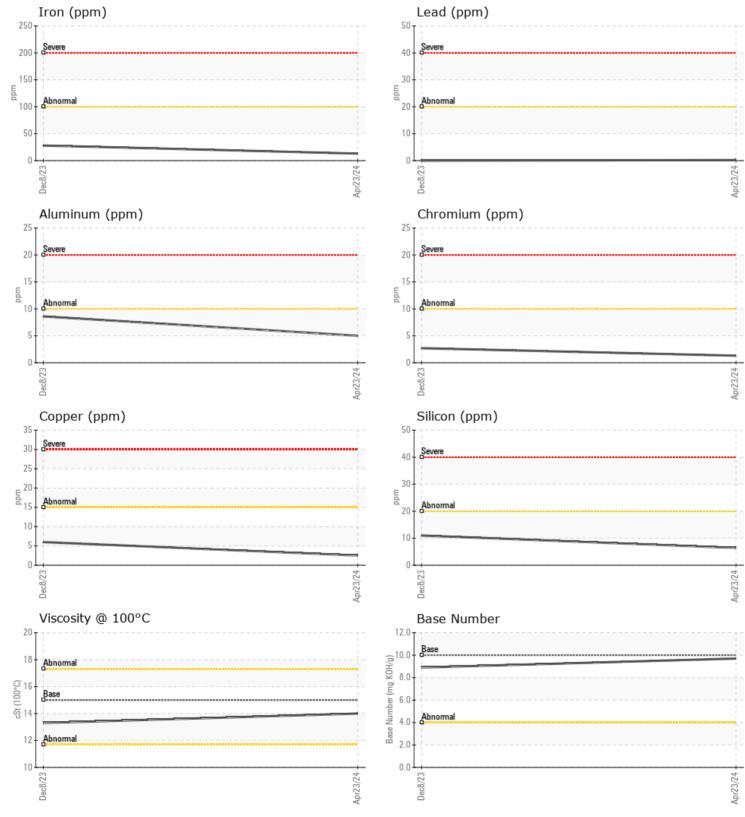
Contact/Location: TODD LARK - VOLVO0090

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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