

CONSTRUCTION EQUIPMENT VOLVO L 1 2 OH 633169 - DIESEL ENGINE



Sample No: VCP366446 **Oil Type:** FACTORY FILLED

Job No:

	NFORMATION				
Sample Number		VCP366446	VCP366445		
Sample Date		29 Jan 2024	20 Apr 2023		
Machine Hours		584	556		
Oil Hours		584	556		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
OIL CONDI	TION				
Visc @ 100°C	cSt	12.5	12.6		
Base Number (BN)		9.2	8.8		
Oxidation (PA)	%	75	69		
VOLVO					
🤍 Contamin	NATION				
Water	%	NEG	NEG		
Soot %	%	0.4	0.4		
Nitration (PA)	%	63	53		
Sulfation (PA)	%	61	55		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon		19	15		
Sodium	ppm	_			
	ppm	4	4		
Potassium	ppm	3	1		
VOLVO					
🤍 WEAR ME	TALS				
ron	ppm	37	38		
Copper	ppm	12	13		
_ead	ppm	2	0		
Tin	ppm	3	3		
Aluminum	ppm	37	43		
Chromium	ppm	4	3		
Volybdenum	ppm	4 5	37		
Nickel	ppm	□ <i>+</i> 3	0		
Fitanium	ppm	<1	<1		
Silver		<1 <	0	-	
	ppm	2	3		
Vanganese Vanadium	ppm	<1	0		
	ppm	<1	U		
VOLVO					
ADDITIVE:	2				
Calcium	ppm	1426	1606		
Vagnesium	ppm	606	622		
Zinc	ppm	1102	1181		
Phosphorus	ppm	830	966		
Barium		23	24		
	ppm				
Boron	ppm	51	57		



YELLOWSTONE COUNTY ROAD & BRIDGE

3321 KING AVE E **BILLINGS**, MT US 59101 Contact: GREG FISHER gfisher@yellowstonecountymt.gov T: (406)256-6812 F:

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.

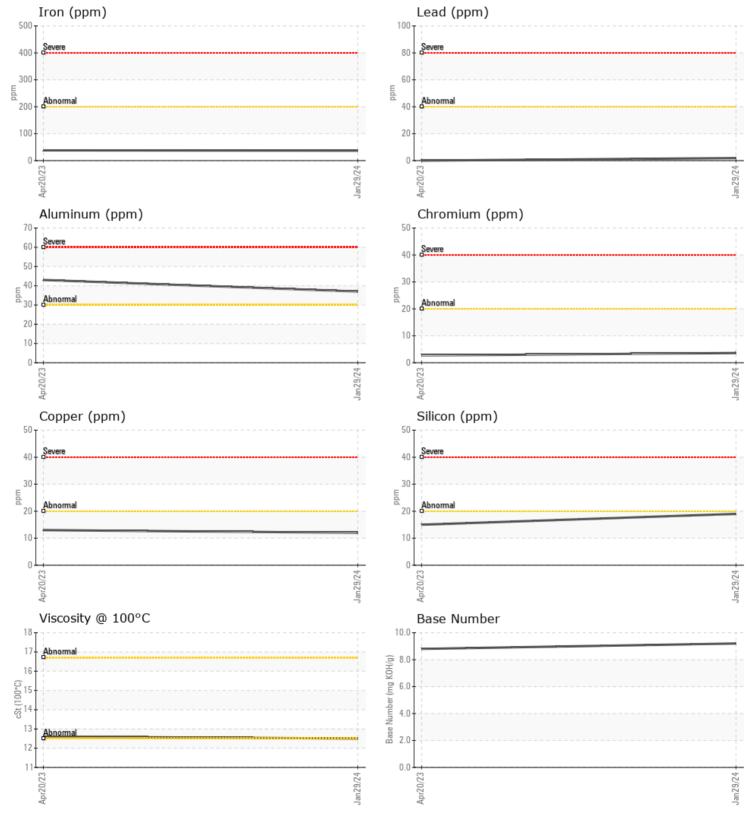
Depot: YELBIL Unique No: 10882811 Signed: Wes Davis Report Date: 16 Feb 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: GREG FISHER - YELBIL