

CONSTRUCTION EQUIPMENT VOLVO L 1 2 OH 633400 - DIESEL ENGINE



Sample No:

VCP433781 **Oil Type:**

VALVOLINE 15W40

Job No:

VOLVO				
SAMPLE IN	FORMATION			
Sample Number	-	VCP433781	VCP424470	
Sample Date		15 Dec 2023	19 Oct 2023	
Machine Hours		1533	1010	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ABNORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.3	12.9	
		5.9		
Base Number (BN)	%	37	□7.6 77	
Oxidation (PA)	70	57	//	
VOLVO				
V CONTAMIN	IATION			
Water	%	NEG	NEG	
Soot %	%	0.2	0.7	
Nitration (PA)	%	53	73	
Sulfation (PA)	%	46	60	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	6	3 0	
Sodium	ppm	 <1	5	
Potassium	ppm	2	1	
WEAR MET				
	-	- 12	- 40	
Iron	ppm	1 2	48	
Copper	ppm	□<1	▲ 50	
Lead Tin	ppm	0	3	
Aluminum	ppm	■ <1	■4 ▲ 65	
Chromium	ppm	3		
	ppm	 <1	□ 5 □46	
Molybdenum Nickel	ppm	28	0	
Titanium	ppm	0	<1	
	ppm	0		
Silver	ppm		1	
Manganese Vanadium	ppm	■ <1 0	0	
vanadium	ppm	U	U	
VOLVO				
	5			
Calcium	ppm	2021	1430	
Magnesium	ppm	116	492	
Zinc	ppm	978	1047	
Phosphorus	ppm	768	969	
Barium	ppm		34	
Boron	ppm	1 5	28	
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TY CARTING

1 OLD GATE LN LFORD, CT 06460 ntact: TAVINS BANKS vins@citycart.net (203)223-3885

iagnosis

esample at the next service interval monitor.All component wear rates re normal. There is no indication of ny contamination in the oil. The BN sult indicates that there is suitable kalinity remaining in the oil. The ondition of the oil is suitable for rther service.

pot: CITMILCON ique No: 10796395 Signed: Wes Davis Report Date: 22 Dec 2023

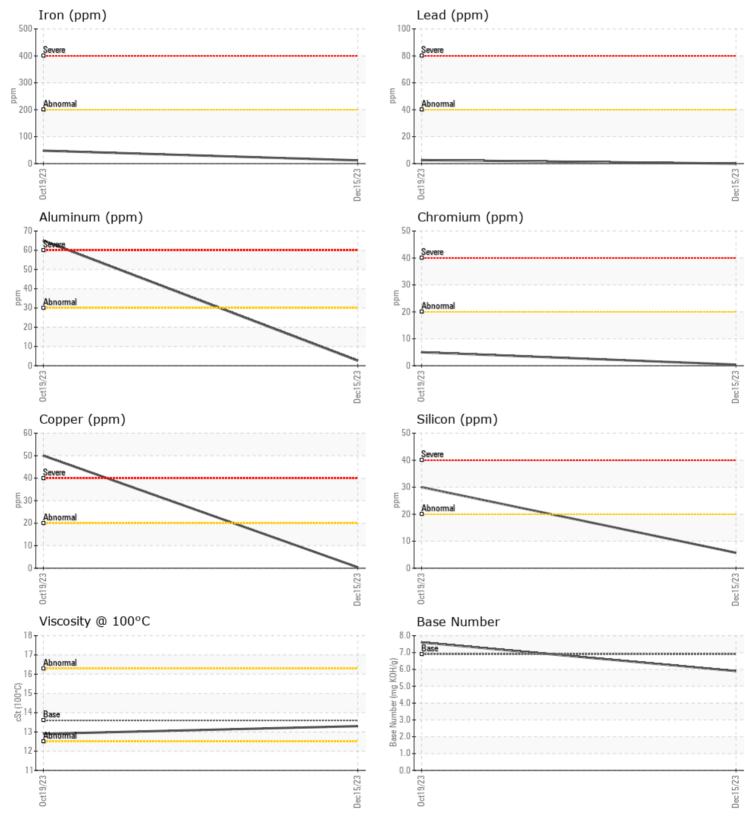
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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