

CONSTRUCTION EQUIPMENT VOLVO L70H 624689 - DIESEL ENGINE



Sample No: VCP455461

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Oil Type: Job No:

SAMPLE IN	FORMATION				
Sample Number	-	VCP455461	VCP395874		
Sample Date		01 May 2024	23 Oct 2023		 ALT
Machine Hours		3009	2462		 515
Oil Hours		0	0		 FOF
Oil Changed		Changed	Changed		 US
Sample Status		NORMAL	NORMAL		 Con
					tlar
OIL CONDI	ΓΙΛΝ				T:
					 F: (2
Visc @ 100°C	cSt	□ 13.2	14.1		
Base Number (BN)		9.5	6.2		 Dia
Oxidation (PA)	%	72	58		
VOLVO					 Re to
Contamin	IATION				are
Water	%	NEG	NEG		 any
Soot %	%	0.3	0.5		 res
Nitration (PA)	%	63	80		 alk
Sulfation (PA)	%	57	54		 CO
Glycol	%	NEG	NEG		 fur
Fuel	%	<1.0	<1.0		
Silicon	ppm	1 0	7		
Sodium	ppm	3	3		
Potassium	ppm	2	0		
	le le				
VOLVO					
WEAR ME	ALS			_	
Iron	ppm	25	16		
Copper	ppm	2	2		
Lead	ppm	0	0		
Tin	ppm	1	 <1		
Aluminum	ppm	∎11	6		
Chromium	ppm	2	1		
Molybdenum	ppm	71	86		
Nickel	ppm	1	 <1		
Titanium	ppm	<1	0		
Silver	ppm	0	0		
Manganese	ppm	∎1	 <1		
Vanadium	ppm	<1	0		
			- 244.5		
Calcium	ppm	2269	2116		
Magnesium	ppm	610	89		
Zinc	ppm	1520	1283		
Phosphorus	ppm	1311	969		
Barium	ppm	0	0		 Dep
Boron	ppm	45	22		 Unio



IPMENT COMPANY

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at the next service interval r.All component wear rates I. There is no indication of mination in the oil. The BN cates that there is suitable emaining in the oil. The of the oil is suitable for vice.

VOLVO0090 11015852 Signed: Wes Davis Report Date: 07 May 2024

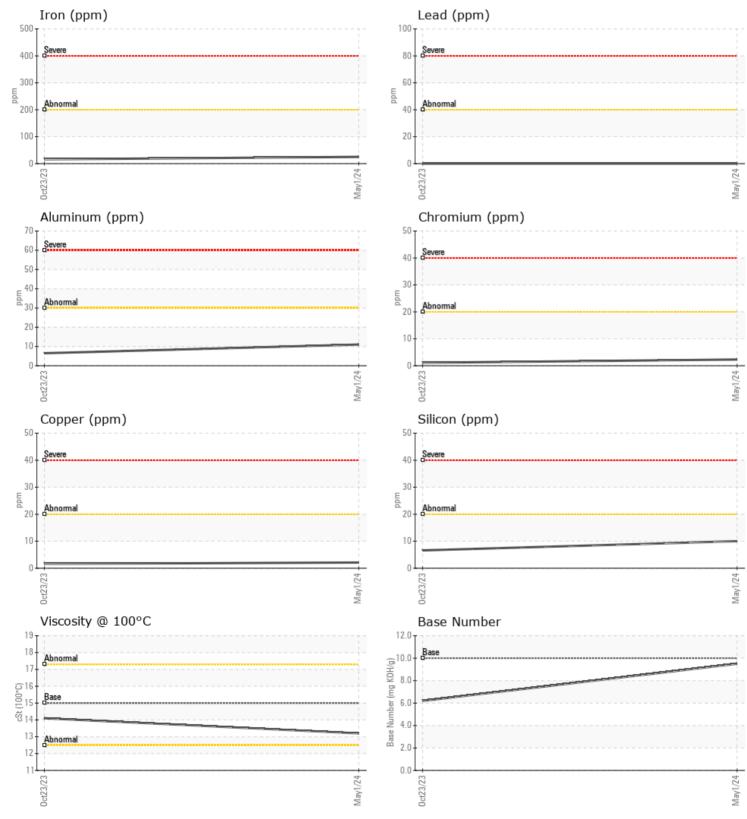
Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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