

CONSTRUCTION EQUIPMENT VOLVO L70H 624550 - DIESEL ENGINE



Sample No: VCP431712

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

Job No:

	NFORMATION				
Sample Number	_	VCP431712	VCP323819	·	
Sample Date		14 Dec 2023	08 Sep 2023		
Machine Hours		5254	4508		
Oil Hours		0	0		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
OIL CONDI	TION				
Visc @ 100°C	cSt	13.2	13.4		
Base Number (BN)		10.1	9.9		
Oxidation (PA)	%	86	81		
	70	00	01		
VOLVO					
🤍 Contamin	NATION				
Water	%	NEG	NEG		
Soot %	%	0.5	0.4		
Nitration (PA)	%	74	70		
Sulfation (PA)	%	62	60		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon	ppm	6	6		
Sodium	ppm	2	4		
Potassium	ppm	■ <1	1		
WEAR ME	TALS				
Iron	ppm	53	57		
Copper	ppm	□ <1	3		
Lead	ppm	0	□ <1		
Tin	ppm	1	□ <1		
Aluminum	ppm	4	5		
Chromium	ppm	□ 4	2		
Molybdenum	ppm	53	47		
Nickel	ppm	0	□ <1		
Titanium	ppm	0	<1		
Silver	ppm	0	0		
Manganese	ppm	□ 1	1		
Vanadium	ppm	0	<1		
	2011	v			
	S				
Calcium	ppm	1684	1969		
Magnesium	ppm	542	616		
Zinc	ppm	1152	1249		
Phosphorus	ppm	931	995		
Barium	ppm		0		
Boron	ppm	26	26		
501011	PPIII	20	20		-



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 acceptable for the time in service.

 Depot:
 VOLVO0090

 Unique No:
 10795616

 Signed:
 Don Baldridge

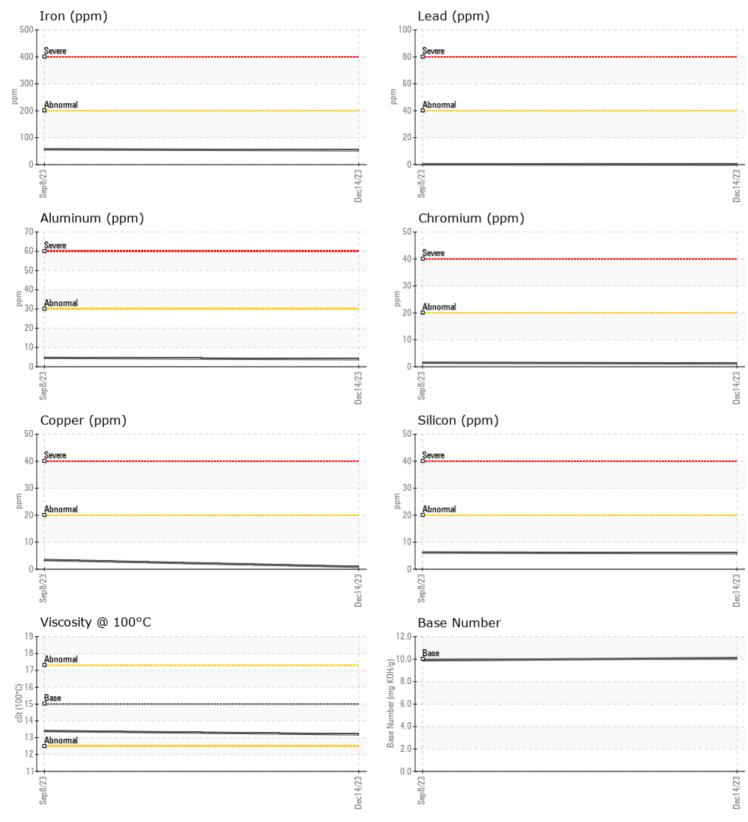
 Report Date:
 21 Dec 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06040387 (Generated: 12/21/2023 21:17:11) Rev: 1

Contact/Location: TODD LARK - VOLVO0090