

CONSTRUCTION EQUIPMENT VOLVO L90H 627063 - DIESEL ENGINE



Sample No: VCP441735

Oil Type: SHELL ROTELLA T3 15W40

Job No:

	INFORMATION				
Sample Number		VCP441735	VCP432424		
Sample Date		19 Feb 2024	17 Jan 2024		
Machine Hours		272	94		
Oil Hours		178	94		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
			HOR IN LE		
VOLVO					
V OIL COND		·			
Visc @ 100°C	cSt	13.7	12.4		
Base Number (BN		□7.9	8.7		
Oxidation (PA)	%	42	68		
VOLVO					
Contam	INATION				
Water	%	NEG	NEG		
Soot %	%	.1	0.1		
Nitration (PA)	%	50	41		
Sulfation (PA)	%	46	55		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon	ppm	6	20		
Sodium	ppm	0	8		
Potassium	ppm	3	23		
	1-1				
VOLVO	FTALS				
V WEAR M				<u>.</u>	<u>.</u>
ron	ppm	7	17		
Copper	ppm	2	14		
Lead	ppm	0	1		
Tin	ppm	 <1	2		
Aluminum	ppm	5	48		
Chromium	ppm	1	5		
Molybdenum	ppm	15	39		
Nickel	ppm	0	0		
Titanium	ppm	<1	<1		
Silver	ppm	□ <1	0		
Manganese	ppm	 <1	4		
Vanadium	ppm	0	<1		
	ES				
Calcium		1988	1553		
Magnesium	ppm ppm	118	598		
Zinc		989	1174		
Phosphorus	ppm	887	1050		
nosphorus	ppm	001	1030		
Barium	nnm	■ ∠1	3		
Barium Boron	ppm ppm	■ <1 ■ 24	□ 3 □ 72		



COVANTA ENERGY

141 CRANBERRY HWY WEST WAREHAM, MA US 02576 Contact: SAWYER ssawyer@woodcomachinery.com T: E-

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:
 COVWES

 Unique No:
 10889481

 Signed:
 Wes Davis

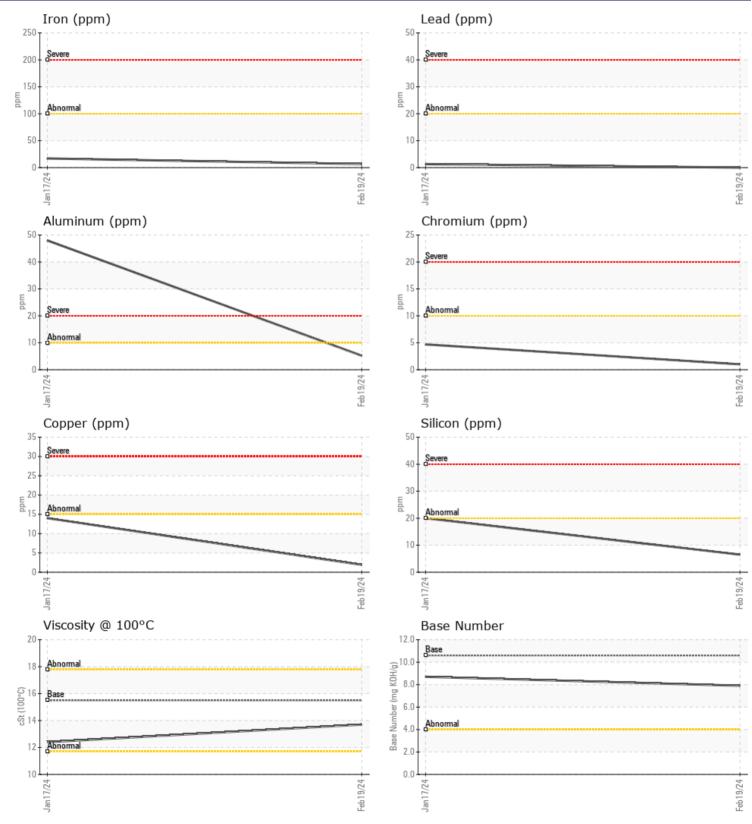
 Report Date:
 23 Feb 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: COVWES [WUSCAR] 06096628 (Generated: 02/23/2024 08:44:27) Rev: 1

Contact/Location: ? SAWYER - COVWES