

CONSTRUCTION EQUIPMENT VOLVO L220H 3589 - DIESEL ENGINE



Sample No: VCP441737

Oil Type: SHELL ROTELLA T3 15W40

Job No:

VOLVO				
SAMPLE IN	FORMATION			
Sample Number		VCP441737	VCP441804	
Sample Date		13 Feb 2024	31 Jan 2024	
Machine Hours		308	108	
Oil Hours		200	108	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	ATTENTION	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.1	11.4	
		7.1	7.3	
Base Number (BN) Oxidation (PA)	%	44	54	
	70	44	54	
VOLVO				
V CONTAMIN	IATION			
Water	%	NEG	NEG	
Soot %	%		0.1	
Nitration (PA)	%	53	60	
Sulfation (PA)	%	46	48	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	0.3	
Silicon	ppm	9	19	
Sodium	ppm	1	0	
Potassium	ppm	■ <1	3	
WEAR ME	TAIS			
	IAL2		<u>.</u>	
ron	ppm	4	8	
Copper	ppm	8	62	
Lead	ppm	0	2	
Tin	ppm		2	
Aluminum	ppm	1	2	
Chromium	ppm	0	 <1	
Molybdenum	ppm	20	87	
Nickel	ppm		1	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	■ <1	3	
Vanadium	ppm	0	0	
VOLVO				
	5			
Calcium	ppm	2104	1976	
Magnesium	ppm	63	51	
Zinc	ppm	1063	1204	
Phosphorus	ppm	897	905	
Barium	ppm	0	0	
Boron	ppm	22	75	



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:
 10884422

 Signed:
 Wes Davis

 Report Date:
 19 Feb 2024

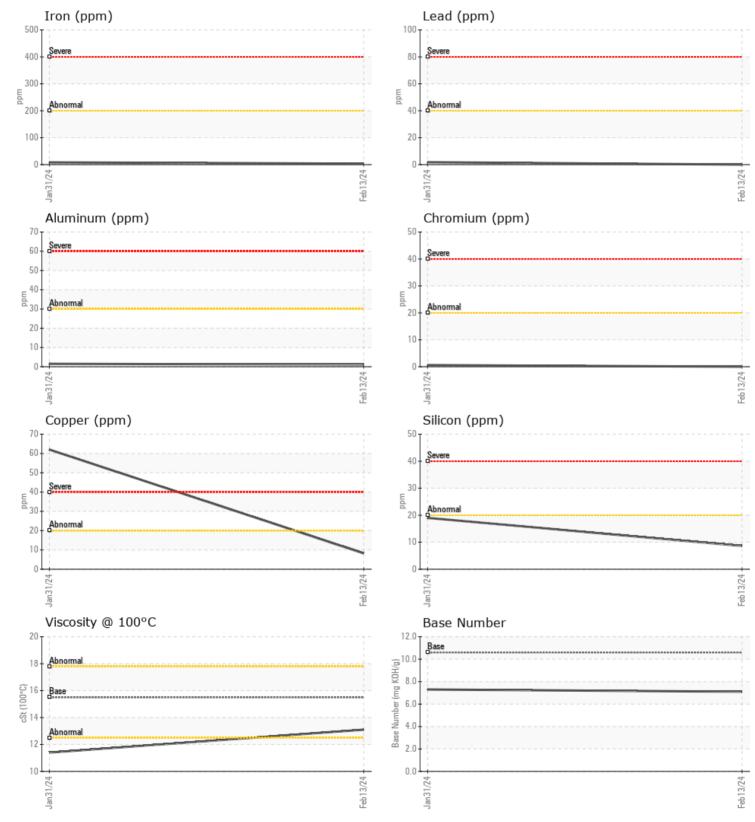
Contact/Location: ? SAWYER - COVWES

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: ? SAWYER - COVWES