## **CONSTRUCTION EQUIPMENT** 24223 VOLVO LC450 1012 - DIESEL ENGINE



## Sample No: VCP434922

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	24223

	FORMATION			
	I ONMATION	VCP434922	 	
Sample Number				
Sample Date		13 Oct 2023	 	
Machine Hours		4336	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
VOLVO				
OIL CONDI	TION			
Visc @ 100°C	cSt	12.6	 	
Base Number (BN)		10.0	 	
Oxidation (PA)	%	79	 	
	,,,			
VOLVO			 	
CONTAMIN	IATION			
Soot %	%	<b>0.1</b>	 	
Nitration (PA)	%	52	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	2	 	
Potassium	ppm	2	 	
WEAR ME	τλις			
Iron	ppm	6	 	
Copper	ppm	2	 	
Lead	ppm		 	
Tin	ppm	<b>■</b> <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	<b>4</b> 4	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	

#### 218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

### 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 suitable for further service.

 Depot:
 VOLVO3387

 Unique No:
 10708795

 Signed:
 Wes Davis

 Report Date:
 24 Oct 2023

Report Id: VOLVO3387 [WUSCAR] 05986133 (Generated: 10/25/2023 13:36:05) Rev: 1

1657

516

1210

982

0 🔲

81

**ADDITIVES** 

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

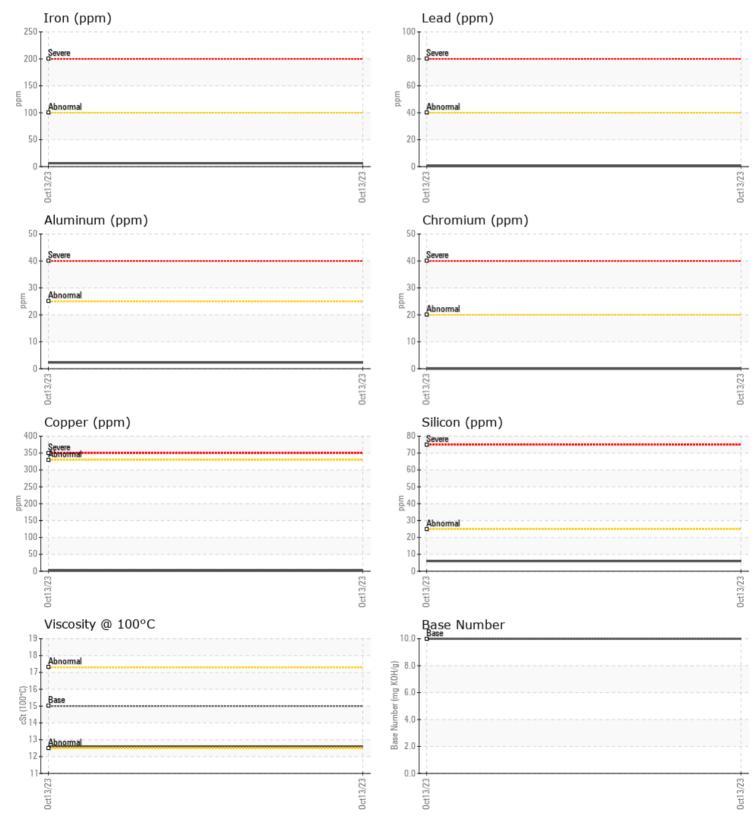
Contact/Location: MATT MITCHAM - VOLVO3387

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO3387 [WUSCAR] 05986133 (Generated: 10/25/2023 13:36:07) Rev: 1

Contact/Location: MATT MITCHAM - VOLVO3387