## CONSTRUCTION EQUIPMENT 20907 TENNESSEE MILL VOLVO L90H 626875 - DIESEL ENGINE

Sample No: VCE254233

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	20907 TENNESSEE MILL

## SAMPLE INFORMATION VCE254233 Sample Number Sample Date 23 Oct 2023 Machine Hours 546 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.6 Base Number (BN) mg KOH/g 10.2 Oxidation (PA) 79 %

CONTAN	AINATION			
Soot %	%	0.4	 	
Nitration (PA)	%	60	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>1</b> 7	 	
Sodium	ppm	5	 	
Potassium	ppm	3	 	

otassium

WEAR N	METALS			
Iron	ppm	28	 	
Copper	ppm	8	 	
Lead	ppm	■ <1	 	
Tin	ppm	3	 	
Aluminum	ppm	29	 	
Chromium	ppm	<b>4</b>	 	
Molybdenum	ppm	39	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	<1	 	

ADDITI	VES			
Calcium	ppm	1533	 	
Magnesium	ppm	559	 	
Zinc	ppm	<b>1111</b>	 	
Phosphorus	ppm	932	 	
Barium	ppm	<b>1</b>	 	
Boron	ppm	<b>47</b>	 	



520 - ASCENDUM MACHINERY INC - KNOXVILLE 5730 RUTLEDGE PIKE KNOXVILLE, TN US 37924 Contact: BRANDON CRANT

Contact: BRANDON GRANT brandon.grant@ascendummachinery.com T: (865)525-1845 F: (865)525-0251

## 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:
 VOLV00124

 Unique No:
 10712822

 Signed:
 Wes Davis

 Report Date:
 27 Oct 2023

Report Id: VOLVO0124 [WUSCAR] 05990160 (Generated: 10/27/2023 05:00:14) Rev: 1

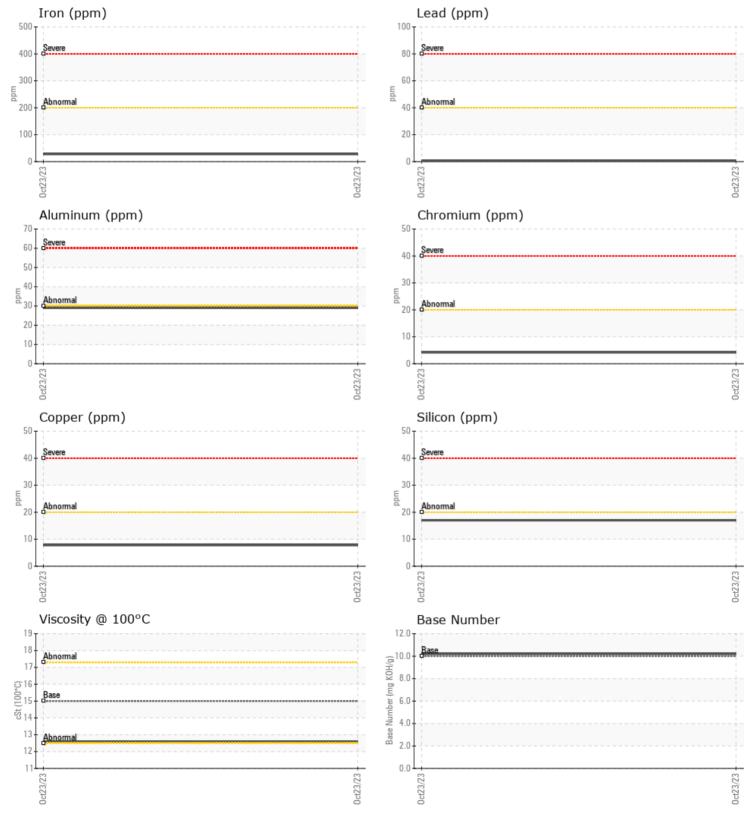
Contact/Location: BRANDON GRANT - VOLVO0124

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: BRANDON GRANT - VOLVO0124