## **CONSTRUCTION EQUIPMENT** 20706 VOLVO L90H 622336 - DIESEL ENGINE



#### Sample No: VCP422289

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	20706

<1.0

**7** 

2

2

#### SAMPLE INFORMATION VCP422289 Sample Number Sample Date 04 Aug 2023 Machine Hours 678 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.8 Base Number (BN) mg KOH/g 8.6 Oxidation (PA) 53 % CONTAMINATION 0.1 % Soot % % Nitration (PA) 42 Sulfation (PA) % 47 % NEG Glycol %



520 - ASCENDUM MACHINERY INC - KNOXVILLE 5730 RUTLEDGE PIKE KNOXVILLE, TN US 37924 Contact: BRANDON GRANT brandon.grant@ascendummachinery.com T: (865)525-1845

F: (865)525-0251

### 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.

Sodium	
Potassium	

ppm

ppm

ppm

Fuel

Silicon

WEAR N	METALS			
Iron	ppm	8	 	
Copper	ppm	2	 	
Lead	ppm	<b>1</b>	 	
Tin	ppm	<b></b> <1	 	
Aluminum	ppm	8	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	55	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<b>1</b>	 	
Vanadium	ppm	0	 	

ADDIT	IVES			
Calcium	ppm	<b>1177</b>	 	
Magnesium	ppm	913	 	
Zinc	ppm	<b>1309</b>	 	
Phosphorus	ppm	<b>1080</b>	 	
Barium	ppm	0	 	
Boron	ppm	■11	 	

Depot: VOLVO0124 Unique No: 10601862 Signed: Don Baldridge Report Date: 12 Aug 2023

Report Id: VOLVO0124 [WUSCAR] 05921915 (Generated: 08/12/2023 13:16:28) Rev: 1

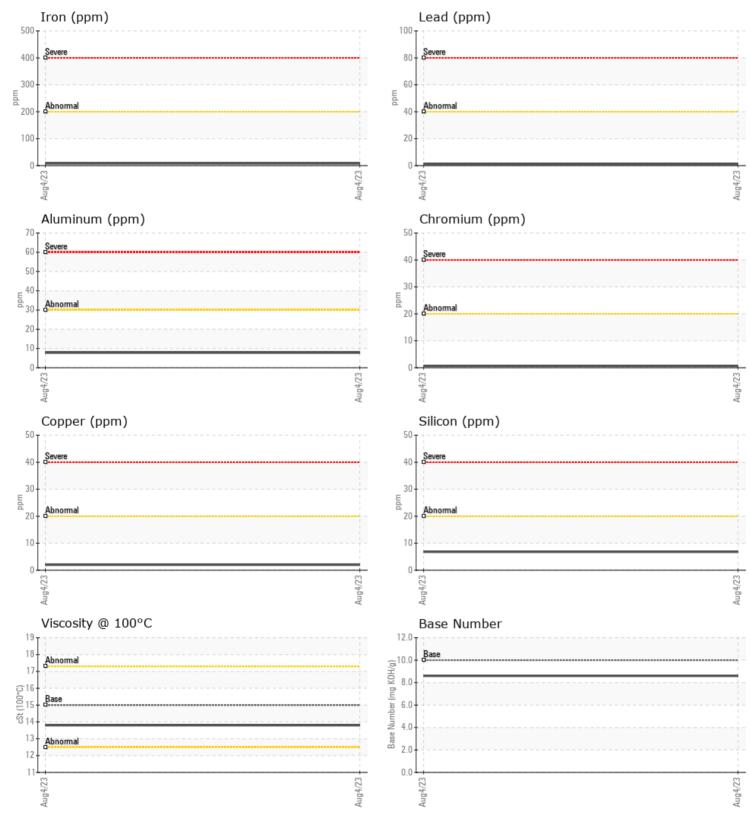
Contact/Location: BRANDON GRANT - VOLVO0124

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: BRANDON GRANT - VOLVO0124