CONSTRUCTION EQUIPMENT 20994 IAA VOLVO L90H 627099 - DIESEL ENGINE



Sample No:VCP280354Oil Type:DIESEL ENGINE OIL SAE 15W40

Job No: 20994 IAA

VOLVO

SAMPLE INFORMATION VCP280354 Sample Number Sample Date 16 Nov 2023 Machine Hours 548 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.7 Base Number (BN) mg KOH/g 10.0 Oxidation (PA) 72 % CONTAMINATION NEG % Water % Soot % 0.4 Nitration (PA) % 63 % 57 Sulfation (PA) Glycol % NEG Fuel % <1.0 Silicon ppm 6 🔲 Sodium ppm 3 Potassium ppm 4



Copper	ppm	1	 	
Lead	ppm	1	 	
Tin	ppm	1	 	
Aluminum	ppm	9	 	
Chromium	ppm	2	 	
Molybdenum	ppm	38	 	
Nickel	ppm	∎1	 	
Titanium	ppm	 <1	 	
Silver	ppm		 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

ADDITIVES								
Calcium	ppm	1633						
Magnesium	ppm	520						
Zinc	ppm	1127						
Phosphorus	ppm	845						
Barium	ppm	0						
Boron	ppm	48						



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.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:
 10753999

 Signed:
 Wes Davis

 Report Date:
 27 Nov 2023

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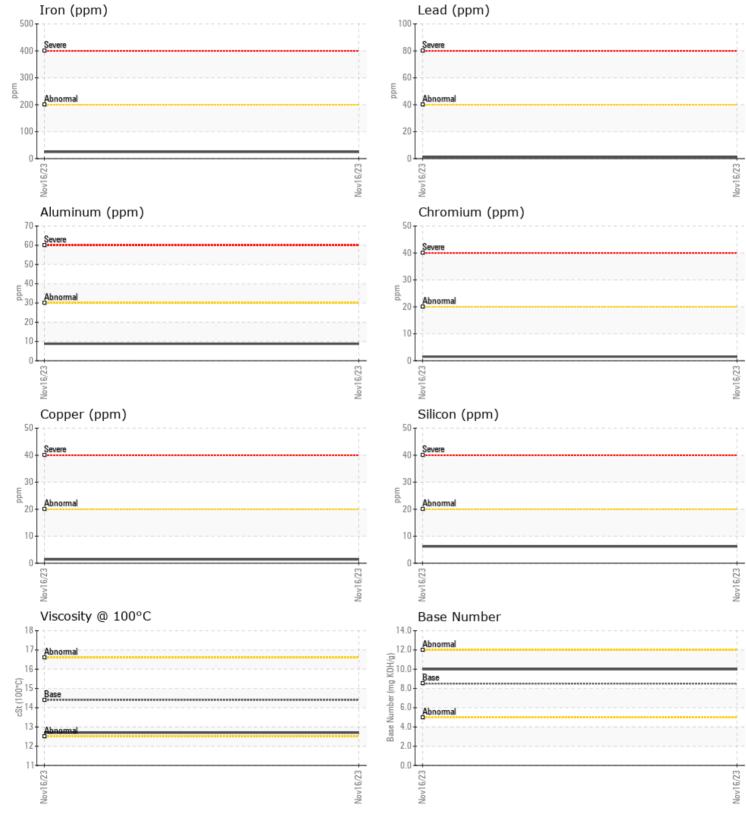
Contact/Location: BRANDON GRANT - VOLVO0124

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0124 [WUSCAR] 06014855 (Generated: 11/27/2023 15:53:05) Rev: 1

Contact/Location: BRANDON GRANT - VOLVO0124