CONSTRUCTION EQUIPMENT X47196 VOLVO L90H 627143 - DIESEL ENGINE



Sample No: VCP425197

Silicon

Sodium

Potassium

ppm

ppm

ppm

17

5 🔲

2

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	X47196

SAMPLE INFORMATION VCP425197 Sample Number Sample Date 27 Feb 2024 Machine Hours 610 Oil Hours 610 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.7 Base Number (BN) mg KOH/g 9.5 Oxidation (PA) 78 % CONTAMINATION NEG Water % % Soot % 0.5 Nitration (PA) % 66 % 62 Sulfation (PA) Glycol % NEG Fuel % <1.0



IAA - INSURANCE AUTO AUCTIONS - NASHVILLE 3896 STEWARTS LN NASHVILLE, TN US 37218 Contact: KODY

Diagnosis

T:

F:

Resample at the next service interval to monitor.Metal levels are typical for a components first oil change. 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.

VOLVO				
WEAR I	METALS			
Iron	ppm	4 1	 	
Copper	ppm	8	 	
Lead	ppm		 	
Tin	ppm	4	 	
Aluminum	ppm	24	 	
Chromium	ppm	4	 	
Molybdenum	ppm	42	 	
Nickel	ppm	 <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	<1	 	

ADDITIVES								
Calcium	ppm	1541						
Magnesium	ppm	608						
Zinc	ppm	1188						
Phosphorus	ppm	1009						
Barium	ppm	2						
Boron	ppm	36						

Depot:INSNASUnique No:10903918Signed:Wes DavisReport Date:01 Mar 2024

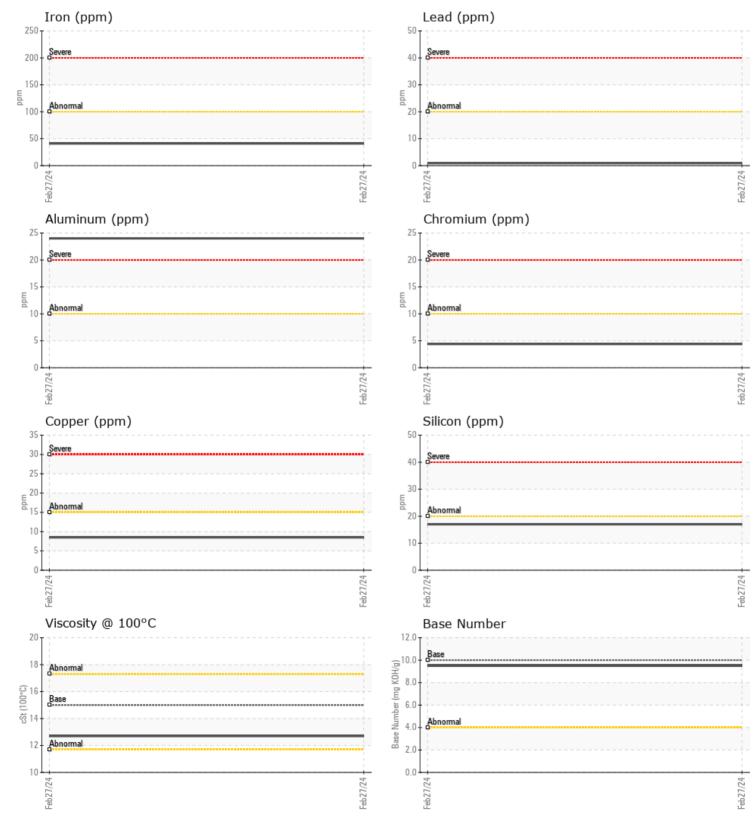
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Contact/Location: KODY ? - INSNAS

CONSTRUCTION EQUIPMENT



VOLVO



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