# CONSTRUCTION EQUIPMENT 19472 VOLVO L90H 626410 - DIESEL ENGINE



# Sample No: VCP413339

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	19472

12

2

**4** 

#### SAMPLE INFORMATION VCP413339 Sample Number VCP411458 Sample Date 14 Aug 2023 27 Feb 2023 Machine Hours 1757 961 Oil Hours 796 961 Oil Changed Changed Changed NORMAL NORMAL Sample Status T: **OIL CONDITION** F: Visc @ 100°C cSt 13.8 13.3 9.2 Base Number (BN) mg KOH/g 8.3 Oxidation (PA) 64 78 % CONTAMINATION 0.5 0.6 % Soot % Nitration (PA) % 70 78 Sulfation (PA) % 53 60 % NEG Glycol NEG Fuel % <1.0 <1.0

16

3

2



IAA - INSURANCE AUTO AUCTIONS - CLAYTON 60 SADISCO RD CLAYTON, NC US 27520 Contact: Service Manager

### 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.

Potassium

ppm

ppm

ppm

Silicon

Sodium

WEAR I	METALS			
Iron	ppm	27	54	 
Copper	ppm	3	11	 
Lead	ppm	<b>□</b> <1	1	 
Tin	ppm	2	4	 
Aluminum	ppm	7	44	 
Chromium	ppm	3	9	 
Molybdenum	ppm	59	44	 
Nickel	ppm		<1	 
Titanium	ppm	<1	<1	 
Silver	ppm	0	<1	 
Manganese	ppm	<b>1</b>	5	 
Vanadium	ppm	<1	<1	 

Vanadiu

ADDITIVES								
Calcium	ppm	1202	1535					
Magnesium	ppm	963	631					
Zinc	ppm	1268	1178					
Phosphorus	ppm	<b>1017</b>	970					
Barium	ppm	0	0					
Boron	ppm	3	25					

 Depot:
 INSCLA

 Unique No:
 10616574

 Signed:
 Sean Felton

 Report Date:
 24 Aug 2023

Report Id: INSCLA [WUSCAR] 05931303 (Generated: 08/24/2023 10:33:56) Rev: 1

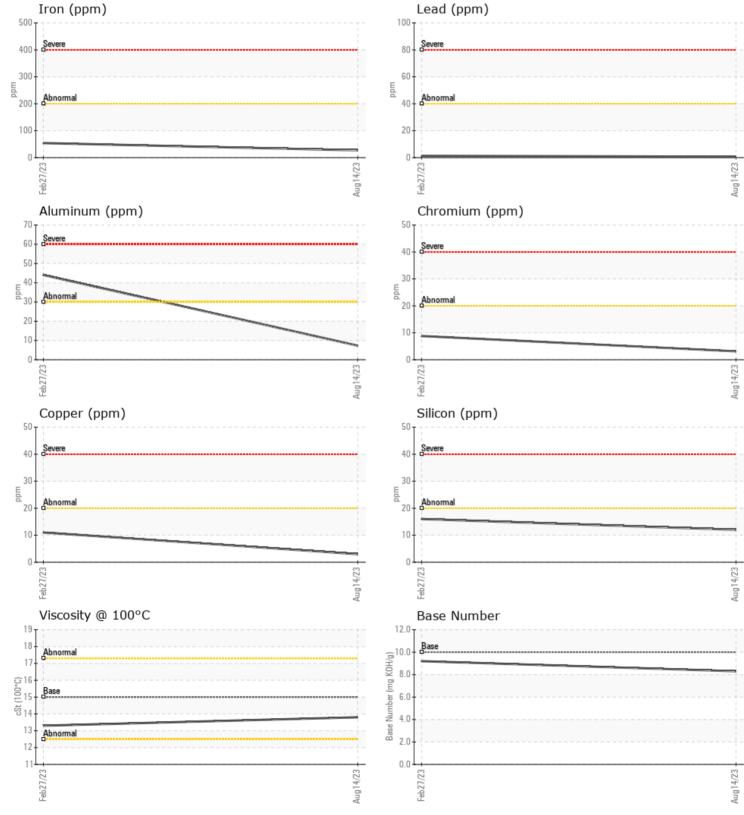
Contact/Location: Service Manager - INSCLA

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: INSCLA [WUSCAR] 05931303 (Generated: 08/24/2023 10:33:58) Rev: 1

Contact/Location: Service Manager - INSCLA