

# CONSTRUCTION EQUIPMENT X58892 VOLVO L90H 626640 - DIESEL ENGINE



Sample No: VCP426142

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

**Job No:** X58892

VOLVO					
	NFORMATION				
Sample Number	. <del>.</del>	VCP426142			
Sample Date		17 Nov 2023			
Machine Hours		445			
Oil Hours		445			
Oil Changed		Changed			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 100°C	cSt	<b>12.9</b>			
Base Number (BN)	mg KOH/g	■9.9			
Oxidation (PA)	%	76			
CONTAMINATION					
		NEC			
Water	%	NEG			
Soot %	%	<b>■ 0.4</b> 61			
Nitration (PA) Sulfation (PA)	%	61			
Glycol	%	NEG			
Fuel	%	NEG <1.0			
Silicon		■ 23			
Sodium	ppm	<b>4</b>			
Potassium	ppm	<b>2</b>			
1 Otassium	ppiii				
VOLVO WEAD ME	TALC				
WEAR ME	IAL2				
Iron	ppm	■35			
Copper	ppm	■8			
Lead	ppm	■1			
Tin	ppm	<b>■</b> 3			
Aluminum	ppm	■36			
Chromium	ppm	<b>■</b> 5			
Molybdenum	ppm	<b>41</b>			
Nickel	ppm	<b></b>			
Titanium	ppm	<1			
Silver	ppm	<b>0</b>			
Manganese	ppm	<b>■</b> 5 <1			
Vanadium	ppm	<1			
ADDITIVES					
Calcium	ppm	■1534			
Magnesium	ppm	<b>546</b>			
Zinc	ppm	<b>1125</b>			
Phosphorus	ppm	■939			
Barium	ppm	<b>■</b> 3			



#### SCOTT EQUIPMENT COMPANY LLC - Saint Rose

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### Diagnosis

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.

Depot:SCOSAIUnique No:10752969Signed:Wes DavisReport Date:22 Nov 2023

ppm

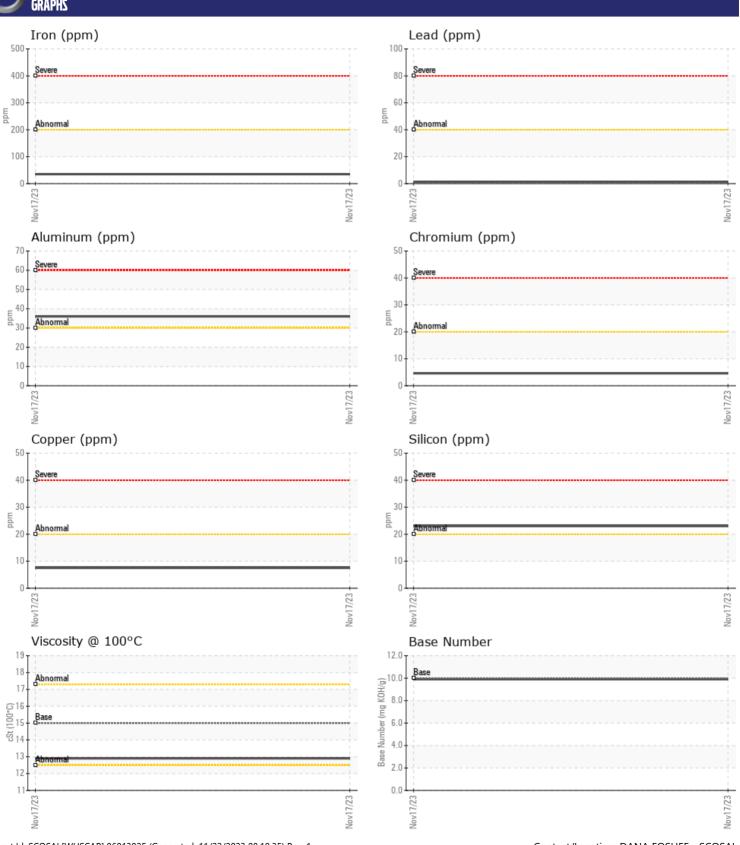
Boron



## **CONSTRUCTION EQUIPMENT**







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Contact/Location: DANA FOSHEE - SCOSAI