# CONSTRUCTION EQUIPMENT X10975 OLD CASTLE VOLVO L90H 626890 - DIESEL ENGINE



 Sample No:
 VCP449112

 Oil Type:
 VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

X10975 OLD CASTLE

Job No:

#### SAMPLE INFORMATION VCP449112 Sample Number Sample Date 15 Dec 2023 Machine Hours 737 Oil Hours 737 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.6 Base Number (BN) mg KOH/g 9.0 Oxidation (PA) 80 % CONTAMINATION NEG % Water

Soot %	%	0.4	 	
Nitration (PA)	%	68	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	21	 	
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	2	 	

## WEAR METAL

WEAK I	METALS			
Iron	ppm	36	 	
Copper	ppm	8	 	
Lead	ppm	<b></b> <1	 	
Tin	ppm	<b>4</b>	 	
Aluminum	ppm	<b>14</b>	 	
Chromium	ppm	3	 	
Molybdenum	ppm	38	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	0	 	

#### **ADDITIVES** 1501 Calcium ppm 598 🔲 Magnesium ppm ppm Zinc 1157 958 Phosphorus ppm Barium **||** <1 ppm 31 Boron ppm

### SCOTT EQUIPMENT COMPANY LLC - Texarkana

5401 SANDERSON LANE TEXARKANA, AR US 71854 Contact: D. BELL dbell@scottcompanies.com T: (870)772-0204 F:

### 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 acceptable for the time in service.

 Depot:
 VOLVO1034

 Unique No:
 10795611

 Signed:
 Don Baldridge

 Report Date:
 21 Dec 2023

Report Id: VOLVO1034 [WUSCAR] 06040382 (Generated: 12/21/2023 21:11:48) Rev: 1

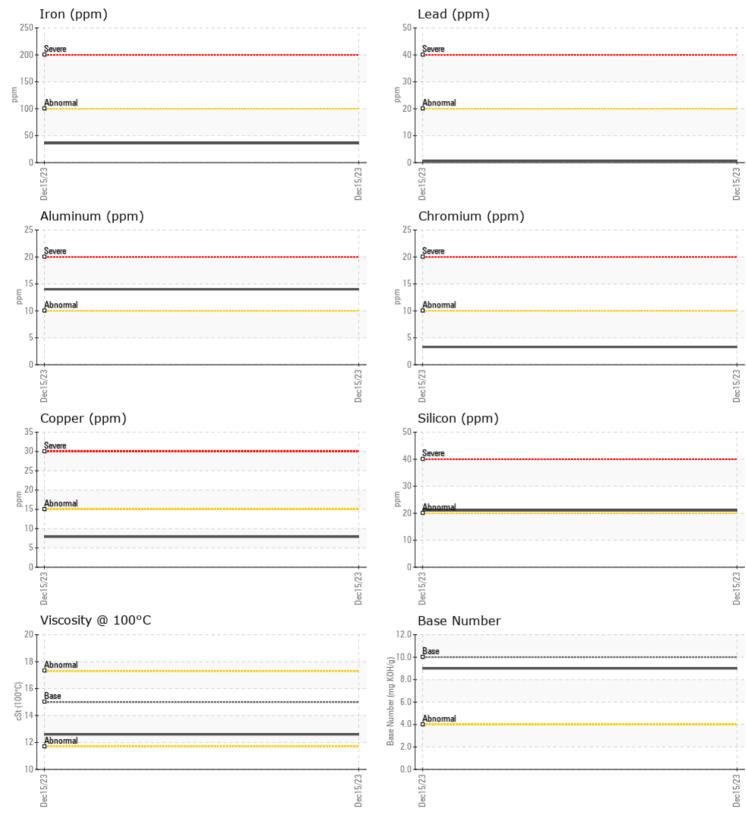
Contact/Location: D. BELL - VOLVO1034

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: D. BELL - VOLVO1034