



# CONSTRUCTION EQUIPMENT

## VOLVO L70H 624221 - DIESEL ENGINE



**Sample No:** VCP416556  
**Oil Type:** NOT GIVEN  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP416556	---	---	---
Sample Date	01 Jun 2023	---	---	---
Machine Hours	5012	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### ROMCO INC MAIN

PO BOX 200210  
 SAN ANTONIO, TX  
 US 78220  
 Contact: ALLEN MCALLISTER  
 amcallister@romco.com  
 T: (800)966-4601  
 F: (210)648-7712



### OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Base Number (BN)	mg KOH/g	█ 9.9	---	---	---
Oxidation (PA)	%	62	---	---	---

### Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present 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.



### CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	42	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---



### WEAR METALS

Iron	ppm	█ <1	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 90	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 1390	---	---	---
Magnesium	ppm	█ 725	---	---	---
Zinc	ppm	█ 913	---	---	---
Phosphorus	ppm	720	---	---	---
Barium	ppm	█ 14	---	---	---
Boron	ppm	█ 229	---	---	---

**Depot:** VOLV00170  
**Unique No:** 10538099  
**Signed:** Don Baldrige  
**Report Date:** 04 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

