### CONSTRUCTION EQUIPMENT 323739 VOLVO A40G 352371 - DIESEL ENGINE



# Sample No: VCP334173 Oil Type: VOLVO ULT

VOLVO

e: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

### SAMPLE INFORMATION

323739

Sample Number		VCP334173	 	
Sample Date		14 Jul 2022	 	
Machine Hours		3883	 	
Oil Hours		500	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CON	DITION			
Visc @ 100°C	cSt	12.8	 	
Oxidation (PA)	%	85	 	
CONTAM	INATION			
Soot %	%	0.1	 	
Nitration (PA)	%	74	 	
Sulfation (PA)	%	65	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>4</b>	 	
Sodium	ppm	3	 	



#### Strongco Equipment

5179 Fountain St N. Breslau, ON CA N0B 1M0 Contact: Villamor Pingol vpingol@strongco.com T: (519)744-3518 F: (519)744-3284

#### Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Nickel ppm levels are abnormal. Exhaust valve wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

OLVO WF

ppm

**||** <1

Potassium

VEAR M	ETALS			
Iron	ppm	<b>1</b> 4	 	
Copper	ppm	<b>1</b> 6	 	
Lead	ppm	<b>1</b>	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	33	 	
Nickel	ppm	<u> </u>	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<b>1</b>	 	
Vanadium	ppm	0	 	

VOLVO

ADDITI	VES			
Calcium	ppm	1745	 	
Magnesium	ppm	<b>434</b>	 	
Zinc	ppm	<b>1092</b>	 	
Phosphorus	ppm	933	 	
Barium	ppm	0	 	
Boron	ppm	<b>47</b>	 	

 Depot:
 CASKIT

 Unique No:
 5435425

 Signed:
 Kevin Marson

 Report Date:
 29 Jul 2022

Report Id: CASKIT [WCAMIS] 02502464 (Generated: 09/19/2023 13:24:11) Rev: 1

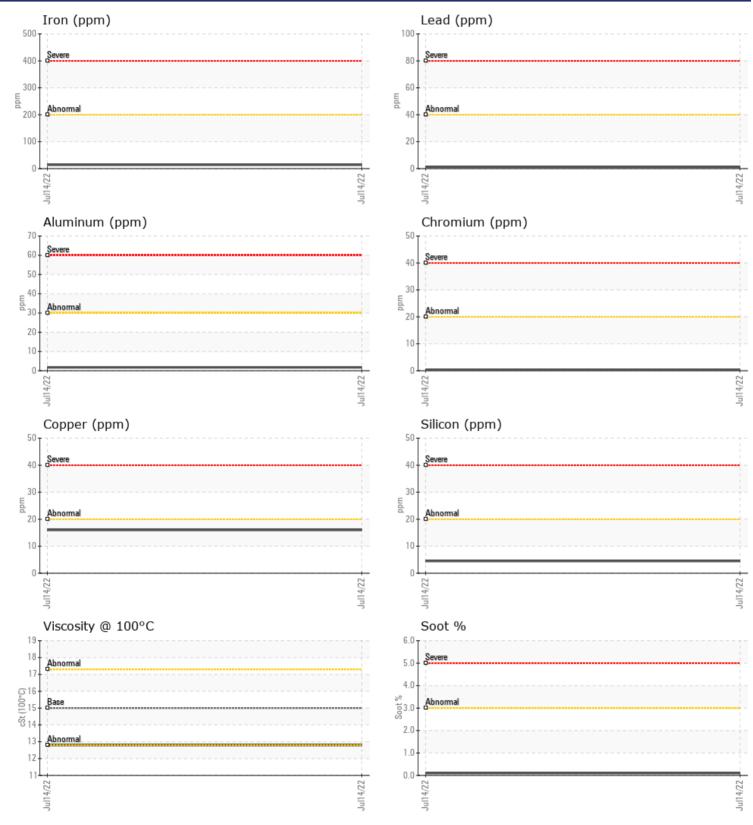
Contact/Location: Villamor Pingol - CASKIT

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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