

## CONSTRUCTION EQUIPMENT 239733 VOLVO EC480E 31297 - DIESEL ENGINE



Sample No: VCP221952

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

**Job No:** 239733

SAMPLE INFORMATION   Sample Number   VCP221952					
Sample Number   VCP221952	VOLVO	INFORMATION			
Sample Date   19 Apr 2020		INFURMATION			
1537				 	
Dil Hours	Sample Date		19 Apr 2020	 	
Changed Status NORMAL	Machine Hours		1537	 	
Contamination   Contaminatio   Contamination   Contamination   Contamination   Contamination	Oil Hours		500	 	
OIL CONDITION  Visc @ 100°C	Oil Changed		Changed	 	
OIL CONDITION	Sample Status		NORMAL	 	
OIL CONDITION					
12.4	VOICOO NII CUN	NITION			
CONTAMINATION  Goot % % 0 0	_				
CONTAMINATION  Soot %			_	 	
CONTAMINATION  Soot % % 0 0 Nitration (PA) % 81 Sulfation (PA) % 66 Sulfation ppm 0 5 Sodium ppm 1 1 Potassium ppm 1 3  WEAR METALS  Tron ppm 5 Sulfation ppm 1 183 Sulfation ppm 0 5	Oxidation (PA)	%	61	 	
CONTAMINATION  Soot % % 0 0 Nitration (PA) % 81 Sulfation (PA) % 66 Sulfation ppm 0 5 Sodium ppm 1 1 Potassium ppm 1 3  WEAR METALS  Tron ppm 5 Sulfation ppm 1 183 Sulfation ppm 0 5	VOLVO				
Soot %	CONTAN	MINATION			
Solifation (PA)   %   81	_		—————————————————————————————————————		
Sulfation (PA) % 666			_		
Silycol					
Sidicon					
Sodium   ppm   1					
Total			_		
Potassium         ppm         3              WEAR METALS           ron         ppm         5              Copper         ppm         183              eead         ppm         5               Aluminum         ppm         <1					
WEAR METALS           ron         ppm         5              Copper         ppm         183              Lead         ppm         5              Lin         ppm         <1					
WEAR METALS           ron         ppm         5	Potassium	ppm	<b>3</b>	 	
WEAR METALS           ron         ppm         5	VOLVO				
Tron	WEAR N	METALS			
Copper         ppm         183   <	Iron		<b>m</b> 5	 	
Lead         ppm         5			_	 	
Tin         ppm         <1	• •				
Aluminum ppm					
Chromium         ppm			_		
Molybdenum         ppm         5              Nickel         ppm         <1              Titanium         ppm         <1              Silver         ppm         0					
Nickel         ppm               Titanium         ppm         <1					
Titanium         ppm         <1              Silver         ppm         0				 	
ilver ppm 0				 	
			· ·		
vialigatiese pptit =<					
/anadium nnm <1			_		
/anadium	Vanadium	ppm	<1	 	
VOLVO	VOLVO				
ADDITIVES	ADDITIV	/ES			



Strongco Equipment 5179 Fountain St N. Breslau, ON CA NOB 1M0 Contact: Matt Crisci mcrisci@strongco.com T: (519)744-3518 F: (519)744-3284

## Diagnosis

Resample at the next service interval to monitor. No other corrective action is recommended at this time.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:CASKITUnique No:5042687Signed:Wes DavisReport Date:30 Apr 2020

Contact/Location: Matt Crisci - CASKIT

ppm

ppm

ppm

ppm

ppm

ppm

**1389** 

719 823

**736** 

**0** 

**48** 

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus



## **CONSTRUCTION EQUIPMENT**





## GRAPHS

