



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 Date	19 Apr 2020	---	---	---
Machine Hours	1537	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment

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



OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	---	---	---
Oxidation (PA)	%	█ 61	---	---	---



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 81	---	---	---
Sulfation (PA)	%	█ 66	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ 0.6	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 3	---	---	---

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.



WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 183	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1389	---	---	---
Magnesium	ppm	█ 719	---	---	---
Zinc	ppm	█ 823	---	---	---
Phosphorus	ppm	█ 736	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 48	---	---	---

Depot: CASKIT
Unique No: 5042687
Signed: Wes Davis
Report Date: 30 Apr 2020



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GRAPHS

