



CONSTRUCTION EQUIPMENT

8000190069 VOLVO EC250EL 310118 - DIESEL ENGINE



Sample No: VCP231810
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 8000190069



SAMPLE INFORMATION

Sample Number	VCP231810	---	---	---
Sample Date	05 Mar 2019	---	---	---
Machine Hours	2007	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT--CALGARY

7923 54TH STREET SE
 CALGARY, AB
 CA T2C 4R7
 Contact: Tracey Lewin
 tlewin@strongco.com
 T: (403)216-1010
 F: (403)216-1016



OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Oxidation (PA)	%	█ 89	---	---	---



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 62	---	---	---
Sulfation (PA)	%	█ 63	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1684	---	---	---
Magnesium	ppm	█ 509	---	---	---
Zinc	ppm	█ 895	---	---	---
Phosphorus	ppm	█ 736	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 42	---	---	---

Depot: VOLVO3909
Unique No: 4835813
Signed: Wes Davis
Report Date: 12 Mar 2019



CONSTRUCTION EQUIPMENT



GRAPHS

