



CONSTRUCTION EQUIPMENT

8000190069 VOLVO EC250EL 310118 - REAR LEFT FINAL DRIVE



Sample No: VCP231776
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 8000190069



STRONGCO EQUIPMENT--CALGARY
 7923 54TH STREET SE
 CALGARY, AB
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SAMPLE INFORMATION

Sample Number	VCP231776	---	---	---
Sample Date	05 Mar 2019	---	---	---
Machine Hours	2007	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	311	---	---	---
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CONTAMINATION

Silicon	ppm	509	---	---	---
Sodium	ppm	17	---	---	---
Potassium	ppm	26	---	---	---



WEAR METALS

PQ		652	---	---	---
Iron	ppm	1795	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	88	---	---	---
Chromium	ppm	21	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	5	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	19	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	68	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	34	---	---	---
Phosphorus	ppm	943	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	114	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 90W140 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3909
Unique No: 4835900
Signed: Kevin Marson
Report Date: 13 Mar 2019



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

