



CONSTRUCTION EQUIPMENT

314195 VOLVO EC350EL 310534 - FRONT RIGHT FINAL DRIVE



Sample No: VCP335088
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 314195



STRONGCO EQUIPMENT--CALGARY
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SAMPLE INFORMATION

Sample Number	VCP335088	VCP213013	VCP233264	---
Sample Date	09 Feb 2022	31 Jan 2019	17 Dec 2018	---
Machine Hours	4369	1044	764	---
Oil Hours	0	1044	764	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	134	182	185	---
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CONTAMINATION

Silicon	ppm	176	69	35	---
Sodium	ppm	6	4	3	---
Potassium	ppm	11	6	4	---



WEAR METALS

PQ		130	---	---	---
Iron	ppm	636	368	250	---
Copper	ppm	2	<1	<1	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	24	9	6	---
Chromium	ppm	10	7	5	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	2	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	6	5	4	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	35	19	10	---
Magnesium	ppm	7	5	4	---
Zinc	ppm	22	12	7	---
Phosphorus	ppm	1444	444	435	---
Barium	ppm	0	2	2	---
Boron	ppm	168	2	2	---

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.

Depot: VOLVO3909
Unique No: 5356945
Signed: Kevin Marson
Report Date: 15 Feb 2022



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GRAPHS

