



CONSTRUCTION EQUIPMENT

314195 VOLVO EC350EL 310534 - FRONT LEFT FINAL DRIVE



Sample No: VCP335087
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 314195



STRONGCO EQUIPMENT--CALGARY
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SAMPLE INFORMATION

Sample Number	VCP335087	VCP213992	VCP233253	---
Sample Date	09 Feb 2022	31 Jan 2019	14 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	131	186	186	---
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CONTAMINATION

Silicon	ppm	153	102	75	---
Sodium	ppm	5	6	5	---
Potassium	ppm	8	8	6	---



WEAR METALS

PQ		244	---	---	---
Iron	ppm	559	456	352	---
Copper	ppm	2	<1	<1	---
Lead	ppm	<1	<1	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	20	15	11	---
Chromium	ppm	7	8	6	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	6	5	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	26	30	25	---
Magnesium	ppm	5	7	6	---
Zinc	ppm	21	11	10	---
Phosphorus	ppm	1407	445	444	---
Barium	ppm	0	2	2	---
Boron	ppm	209	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: 5356944
Signed: Kevin Marson
Report Date: 15 Feb 2022



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GRAPHS

