



CONSTRUCTION EQUIPMENT

VOLVO EC350EL 310044 - REAR LEFT FINAL DRIVE



Sample No: VCP332763
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP332763	VCP275080	---	---
Sample Date	16 Feb 2022	04 May 2021	---	---
Machine Hours	4595	3886	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
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OIL CONDITION

Visc @ 40°C	cSt	339	422	---	---
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CONTAMINATION

Water	%	NEG	0.462	---	---
Silicon	ppm	61	4325	---	---
Sodium	ppm	1	99	---	---
Potassium	ppm	2	176	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

PQ		---	1799	---	---
Iron	ppm	133	5014	---	---
Copper	ppm	<1	12	---	---
Lead	ppm	0	1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	6	526	---	---
Chromium	ppm	3	66	---	---
Molybdenum	ppm	<1	6	---	---
Nickel	ppm	<1	5	---	---
Titanium	ppm	<1	30	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	40	---	---
Vanadium	ppm	0	2	---	---



ADDITIVES

Calcium	ppm	14	785	---	---
Magnesium	ppm	2	191	---	---
Zinc	ppm	10	20	---	---
Phosphorus	ppm	1030	856	---	---
Barium	ppm	0	2	---	---
Boron	ppm	169	119	---	---

Depot: VOLVO9652
Unique No: 5358016
Signed: Wes Davis
Report Date: 18 Feb 2022



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GRAPHS

