



CONSTRUCTION EQUIPMENT

370616 VOLVO EC350EL 310044 - FRONT RIGHT FINAL DRIVE



Sample No: VCP392197
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 370616



SAMPLE INFORMATION

Sample Number	VCP392197	---	---	---
Sample Date	04 Jul 2023	---	---	---
Machine Hours	6130	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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

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

Silicon	ppm	█ 49	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

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

Iron	ppm	█ 102	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	13	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	4	---	---	---
Phosphorus	ppm	█ 1062	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 175	---	---	---

Depot: VOLVO9652
Unique No: 5606200
Signed: Wes Davis
Report Date: 11 Jul 2023



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GRAPHS

