



CONSTRUCTION EQUIPMENT

370676 VOLVO ECR145D 2 10093 - FRONT LEFT FINAL DRIVE



Sample No: VCP391773
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 370676



SAMPLE INFORMATION

Sample Number	VCP391773	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	9909	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC.

72 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC
CA J4B 6Z6
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OIL CONDITION

Visc @ 40°C	cSt	█ 180	---	---	---
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CONTAMINATION

Silicon	ppm	█ 28	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 6	---	---	---

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	█ 185	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 18	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 52	---	---	---
Phosphorus	ppm	523	---	---	---
Barium	ppm	45	---	---	---
Boron	ppm	51	---	---	---

Depot: SHEBOU
Unique No: 5607232
Signed: Wes Davis
Report Date: 14 Jul 2023



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VOLVO GRAPHS

