



CONSTRUCTION EQUIPMENT

322756 VOLVO ECR145E 315109 - SWING DRIVE



Sample No: VCP333667
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 322756



SAMPLE INFORMATION

Sample Number	VCP333667	---	---	---
Sample Date	02 May 2022	---	---	---
Machine Hours	413	---	---	---
Oil Hours	413	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment

5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Villamor Pingol
 vpingol@strongco.com
 T: (519)744-3518
 F: (519)744-3284



OIL CONDITION

Visc @ 40°C	cSt	█ 176	---	---	---
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CONTAMINATION

Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 78	---	---	---
Copper	ppm	█ 30	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	12	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 25	---	---	---
Phosphorus	ppm	308	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	<1	---	---	---

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.

Depot: CASKIT
Unique No: 5399011
Signed: Kevin Marson
Report Date: 24 May 2022



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GRAPHS

