



CONSTRUCTION EQUIPMENT

VOLVO ECJ60E 311557 - DROP BOX



Sample No: VCP274403
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP274403	---	---	---
Sample Date	20 Nov 2020	---	---	---
Machine Hours	2000	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Strongco Equipment
 5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
 Contact: Matt Crisci
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OIL CONDITION

Visc @ 40°C	cSt	█ 148	---	---	---
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CONTAMINATION

Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 3	---	---	---
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	█ 77	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	7	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	14	---	---	---
Phosphorus	ppm	█ 863	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 111	---	---	---

Depot: CASKIT
Unique No: 5146896
Signed: Kevin Marson
Report Date: 07 Dec 2020



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GRAPHS

