



CONSTRUCTION EQUIPMENT

305087 VOLVO EC380E 311590 - REAR RIGHT FINAL DRIVE



Sample No: VCP274001
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 305087



SAMPLE INFORMATION

Sample Number	VCP274001	---	---	---
Sample Date	12 Dec 2021	---	---	---
Machine Hours	3312	---	---	---
Oil Hours	303	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW
 Acheson, AB
 CA T7X 6C2

Contact: Jonathan Morton
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OIL CONDITION

Visc @ 40°C	cSt	█ 124	---	---	---
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CONTAMINATION

Silicon	ppm	█ 112	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 6	---	---	---



WEAR METALS

Iron	ppm	█ 467	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 22	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 19	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	8	---	---	---
Phosphorus	ppm	1919	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 110	---	---	---

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: VOLVO3908
Unique No: 5331682
Signed: Kevin Marson
Report Date: 24 Dec 2021



CONSTRUCTION EQUIPMENT



GRAPHS

