



CONSTRUCTION EQUIPMENT

SW1003910 GILA CONC VOLVO EC200EL 314540 - REAR LEFT FINAL DRIVE



Sample No: VCP353841
Oil Type: GEAR OIL SAE 80W90
Job No: SW1003910 GILA CONC



SAMPLE INFORMATION

Sample Number	VCP353841	---	---	---
Sample Date	03 Jun 2022	---	---	---
Machine Hours	590	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040
 Contact: RANDY PRZEKURAT
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 162	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	▲ 955	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	▲ 12	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 7	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 19	---	---	---
Phosphorus	ppm	█ 281	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. All other metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO6174
Unique No: 10010333
Signed: Don Baldrige
Report Date: 13 Jun 2022



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GRAPHS

