



CONSTRUCTION EQUIPMENT

SW-25462-2 ELITE VOLVO EC220E 315109 - GEARBOX



Sample No: VCP404708
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-25462-2 ELITE



SAMPLE INFORMATION

Sample Number	VCP404708	---	---	---
Sample Date	10 Oct 2023	---	---	---
Machine Hours	312	---	---	---
Oil Hours	312	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 175	---	---	---
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CONTAMINATION

Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 70	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 31	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 5	---	---	---
Phosphorus	ppm	█ 306	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8770
Unique No: 10709638
Signed: Sean Felton
Report Date: 25 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

