



CONSTRUCTION EQUIPMENT

X13689 VOLVO EW60E 315967 - FRONT AXLE



Sample No: VCP404809
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: X13689



SAMPLE INFORMATION

Sample Number	VCP404809	---	---	---
Sample Date	28 Nov 2023	---	---	---
Machine Hours	468	---	---	---
Oil Hours	468	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Broussard
 100 IDA ROAD
 BROUSSARD, LA
 US 70518
 Contact: ADAM FEIRMAN
 afeirman@scottcompanies.com
 T: (337)837-2907
 F: (337)837-5116



OIL CONDITION

Visc @ 40°C	cSt	█ 153	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 76	---	---	---
Copper	ppm	▲ 132	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 108	---	---	---
Phosphorus	ppm	█ 781	---	---	---
Barium	ppm	█ 16	---	---	---
Boron	ppm	█ 50	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing 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: VOLVO6241
Unique No: 10768660
Signed: Don Baldrige
Report Date: 06 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

