



CONSTRUCTION EQUIPMENT

X59223 VOLVO EC300ELR 317660 - FRONT LEFT FINAL DRIVE



Sample No: VCP442707
Oil Type: GEAR OIL SAE 80W90
Job No: X59223



SCOTT EQUIPMENT COMPANY LLC - Saint Rose
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SAMPLE INFORMATION

Sample Number	VCP442707	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	476	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 174	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 91	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 9	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 4	---	---	---
Phosphorus	ppm	█ 367	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: SCOSAI
Unique No: 10885419
Signed: Don Baldrige
Report Date: 20 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

