



CONSTRUCTION EQUIPMENT

395832 VOLVO EC480E 314675 - RIGHT SWING DRIVE



Sample No: VCP394308
Oil Type: GEAR OIL SAE 80W90
Job No: 395832



SAMPLE INFORMATION

Sample Number	VCP394308	---	---	---
Sample Date	20 Feb 2024	---	---	---
Machine Hours	3889	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT--CALGARY

7923 54TH STREET SE

CALGARY, AB

CA T2C 4R7

Contact: Lucas Slusarenko

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T:

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OIL CONDITION

Visc @ 40°C	cSt	█ 148	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 762	---	---	---
Copper	ppm	█ 32	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 9	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 55	---	---	---
Phosphorus	ppm	█ 494	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 24	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm. 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: VOLVO3909

Unique No: 5734599

Signed: Kevin Marson

Report Date: 23 Feb 2024



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GRAPHS

