



CONSTRUCTION EQUIPMENT

VINCI 392569 VOLVO EC480EL 314955 - FRONT LEFT FINAL DRIVE



Sample No: VCP394317
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 392569



STRONGCO EQUIPMENT--CALGARY
7923 54TH STREET SE
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SAMPLE INFORMATION

Sample Number	VCP394317	---	---	---
Sample Date	26 Jan 2024	---	---	---
Machine Hours	3985	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	█ 297	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 17	---	---	---



WEAR METALS

PQ		█ 431	---	---	---
Iron	ppm	█ 2124	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 66	---	---	---
Chromium	ppm	█ 19	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 3	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 17	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 51	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	█ 924	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 123	---	---	---

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: VOLVO3909
Unique No: 5733895
Signed: Kevin Marson
Report Date: 21 Feb 2024



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GRAPHS

