



CONSTRUCTION EQUIPMENT

SW-28378-2 CMC ROCK VOLVO EC480EL 315023 - REAR LEFT FINAL DRIVE



Sample No: VCP412545
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-28378-2 CMC ROCK



SAMPLE INFORMATION

Sample Number	VCP412545	VCP406300	---	---
Sample Date	04 Jan 2024	08 Apr 2023	---	---
Machine Hours	2330	621	---	---
Oil Hours	2330	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 167	█ 171	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 61	█ 69	---	---
Sodium	ppm	█ 4	█ 4	---	---
Potassium	ppm	█ 4	█ 4	---	---

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.



WEAR METALS

Iron	ppm	█ 1211	█ 379	---	---
Copper	ppm	█ 1	█ <1	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 13	█ 16	---	---
Chromium	ppm	█ 12	█ 7	---	---
Molybdenum	ppm	█ 2	█ 1	---	---
Nickel	ppm	█ <1	<1	---	---
Titanium	ppm	█ <1	1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 10	█ 6	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 71	█ 108	---	---
Magnesium	ppm	█ 10	█ 13	---	---
Zinc	ppm	█ 31	█ 19	---	---
Phosphorus	ppm	697	█ 287	---	---
Barium	ppm	█ 4	█ 5	---	---
Boron	ppm	█ 67	█ <1	---	---

Depot: VOLVO8770
Unique No: 10836574
Signed: Wes Davis
Report Date: 19 Jan 2024



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GRAPHS

