



CONSTRUCTION EQUIPMENT

SW-28378-2 CMC ROCK VOLVO EC480EL 315023 - RIGHT SWING DRIVE



Sample No: VCP412544
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-28378-2 CMC ROCK



SAMPLE INFORMATION

Sample Number	VCP412544	VCP419280	---	---
Sample Date	04 Jan 2024	16 Jun 2023	---	---
Machine Hours	2330	1010	---	---
Oil Hours	2330	1010	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	163	158	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	5	---	---
Sodium	ppm	1	<1	---	---
Potassium	ppm	2	1	---	---

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	745	112	---	---
Copper	ppm	23	16	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	8	2	---	---
Molybdenum	ppm	33	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	7	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	39	11	---	---
Magnesium	ppm	2	<1	---	---
Zinc	ppm	55	39	---	---
Phosphorus	ppm	1036	919	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	141	175	---	---

Depot: VOLVO8770
Unique No: 10836572
Signed: Wes Davis
Report Date: 19 Jan 2024



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GRAPHS

