



CONSTRUCTION EQUIPMENT

SPM717258 VOLVO EC300DL 210200 - REAR LEFT FINAL DRIVE



Sample No: VCP444420
Oil Type: GEAR OIL SAE 80W90
Job No: SPM717258



SAMPLE INFORMATION

Sample Number	VCP444420	VCP420576	VCP280168	---
Sample Date	07 Jun 2024	12 Sep 2023	22 Aug 2020	---
Machine Hours	6458	5950	4200	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

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 5000 INDUSTRIAL HWY
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 F:



OIL CONDITION

Visc @ 40°C	cSt	137	203	254	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	▲ 91	▲ 97	---
Sodium	ppm	0	1	5	---
Potassium	ppm	2	10	12	---

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	0	293	▲ 566	---
Copper	ppm	0	1	1	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	● 15	● 17	---
Chromium	ppm	0	● 13	▲ 21	---
Molybdenum	ppm	0	3	2	---
Nickel	ppm	0	<1	1	---
Titanium	ppm	0	2	2	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	4	7	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	13	2101	357	---
Magnesium	ppm	2	52	37	---
Zinc	ppm	9	966	168	---
Phosphorus	ppm	506	860	858	---
Barium	ppm	0	0	<1	---
Boron	ppm	0	64	86	---

Depot: VOLVO8885
Unique No: 11089996
Signed: Sean Felton
Report Date: 24 Jun 2024



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GRAPHS

