



CONSTRUCTION EQUIPMENT

SPM675624 VOLVO EC250ELR 314201 - SWING DRIVE



Sample No: VCP444424
Oil Type: GEAR OIL SAE 80W90
Job No: SPM675624



SAMPLE INFORMATION

Sample Number	VCP444424	VCP423129	VCP346074	---
Sample Date	04 Mar 2024	21 Jul 2023	02 Apr 2022	---
Machine Hours	3690	2533	527	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	148	149	163	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	14	6	---
Sodium	ppm	1	2	1	---
Potassium	ppm	1	2	0	---

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	334	304	203	---
Copper	ppm	10	10	14	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	2	1	---
Chromium	ppm	2	3	2	---
Molybdenum	ppm	0	1	1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	3	4	4	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	56	20	16	---
Magnesium	ppm	1	6	0	---
Zinc	ppm	32	18	14	---
Phosphorus	ppm	492	505	314	---
Barium	ppm	0	0	0	---
Boron	ppm	7	8	<1	---

Depot: BELBOU
Unique No: 10930029
Signed: Wes Davis
Report Date: 19 Mar 2024



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GRAPHS

