



CONSTRUCTION EQUIPMENT

SW1029240-1 VOLVO ECR355EL 314589 - SWING DRIVE



Sample No: VCP438074
Oil Type: GEAR OIL SAE 80W90
Job No: SW1029240-1



SAMPLE INFORMATION

Sample Number	VCP438074	---	---	---
Sample Date	29 Jan 2024	---	---	---
Machine Hours	1045	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 168	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 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	█ 91	---	---	---
Copper	ppm	█ 22	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 12	---	---	---
Phosphorus	ppm	█ 375	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 8	---	---	---

Depot: VOLVO8770
Unique No: 10860680
Signed: Wes Davis
Report Date: 03 Feb 2024



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GRAPHS

