



CONSTRUCTION EQUIPMENT

589608 RENTALS VOLVO EC380EL 315360 - SWING DRIVE



Sample No: VCP454514
Oil Type: GEAR OIL SAE 80W90
Job No: 589608 RENTALS



SAMPLE INFORMATION

Sample Number	VCP454514	---	---	---
Sample Date	18 Jun 2024	---	---	---
Machine Hours	2346	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---

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	█ 224	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 91	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 130	---	---	---
Phosphorus	ppm	█ 299	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 3	---	---	---

Depot: VOLVO0096
Unique No: 11096785
Signed: Wes Davis
Report Date: 25 Jun 2024



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GRAPHS

