



CONSTRUCTION EQUIPMENT

ECOLAND 380206 VOLVO EC480EL 314488 - RIGHT SWING DRIVE



Sample No: VCP379971
Oil Type: GEAR OIL SAE 80W90
Job No: 380206



STRONGCO EQUIPMENT INC.
1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4
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SAMPLE INFORMATION

Sample Number	VCP379971	---	---	---
Sample Date	13 Oct 2023	---	---	---
Machine Hours	2166	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 144	---	---	---
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CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 650	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 20	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 29	---	---	---
Phosphorus	ppm	█ 880	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 132	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.
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.

Depot: SHEMIS
Unique No: 5658824
Signed: Wes Davis
Report Date: 17 Oct 2023



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GRAPHS

