



CONSTRUCTION EQUIPMENT

LAKESIDE 8-391799 VOLVO ECR145E 315896 - SWING DRIVE



Sample No: VCP449498
Oil Type: GEAR OIL SAE 80W90
Job No: 8-391799



SAMPLE INFORMATION

Sample Number	VCP449498	VCP347104	---	---
Sample Date	23 Jan 2024	03 Oct 2022	---	---
Machine Hours	2044	505	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

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OIL CONDITION

Visc @ 40°C	cSt	█ 161	█ 163	---	---
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CONTAMINATION

Water	%	█ 0.007	NEG	---	---
Silicon	ppm	█ 15	█ 15	---	---
Sodium	ppm	█ 2	█ 2	---	---
Potassium	ppm	█ <1	█ 0	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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	█ 94	█ 62	---	---
Copper	ppm	█ 36	█ 36	---	---
Lead	ppm	█ 1	█ 1	---	---
Tin	ppm	█ <1	<1	---	---
Aluminum	ppm	█ 2	2	---	---
Chromium	ppm	█ 2	1	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ 0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	█ 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 12	█ 5	---	---
Magnesium	ppm	█ <1	█ 0	---	---
Zinc	ppm	█ 28	█ 23	---	---
Phosphorus	ppm	█ 329	█ 354	---	---
Barium	ppm	█ 1	█ 1	---	---
Boron	ppm	█ <1	█ <1	---	---

Depot: SHEMIS
Unique No: 5723244
Signed: Wes Davis
Report Date: 09 Feb 2024



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GRAPHS

