



CONSTRUCTION EQUIPMENT

SURELINE PROJECTS SL23-089 64002 - REAR LEFT FINAL DRIVE



Sample No: VCP370797

Oil Type: NOT GIVEN

Job No: SL23-089



SAMPLE INFORMATION

Sample Number	VCP370797	---	---	---
Sample Date	15 Nov 2023	---	---	---
Machine Hours	502	---	---	---
Oil Hours	502	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

GREAT WEST EQUIPMENT

P.O. BOX 6067, 12623 CHARLIE LAKE FRONTAGE RD
 FORT ST. JOHN, BC
 CA V1J 2B0
 Contact: Marie Ehmann
 mehmann@gwequipment.com
 T: (250)785-4223
 F: (250)785-4237



OIL CONDITION

Visc @ 40°C	cSt	173	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	256	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	16	---	---	---



WEAR METALS

Iron	ppm	444	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	59	---	---	---
Chromium	ppm	5	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	29	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	9	---	---	---
Phosphorus	ppm	287	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Aluminum ppm levels are noted. All other component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO5076
 Unique No: 5694397
 Signed: Bill Quesnel
 Report Date: 07 Dec 2023



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VOLVO GRAPHS

