



# CONSTRUCTION EQUIPMENT

594282 DIPRO KUBOTA SVL90-2 11834 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP411903  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 594282 DIPRO



## SAMPLE INFORMATION

Sample Number	VCP411903	---	---	---
Sample Date	15 Aug 2023	---	---	---
Machine Hours	1956	---	---	---
Oil Hours	1956	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
 56195 PONTIAC TRAIL  
 NEW HUDSON, MI  
 US 48165  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 196	---	---	---
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## CONTAMINATION

Water	%	● 2.26	---	---	---
Silicon	ppm	● 367	---	---	---
Sodium	ppm	■ 15	---	---	---
Potassium	ppm	■ 22	---	---	---

## Diagnosis

We advise that you check for the source of water entry. 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 advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a high concentration of water present in the oil. 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.

## WEAR METALS

Iron	ppm	● 6525	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	▲ 73	---	---	---
Chromium	ppm	● 28	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	▲ 15	---	---	---
Titanium	ppm	5	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 24	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	■ 501	---	---	---
Magnesium	ppm	■ 198	---	---	---
Zinc	ppm	■ 11	---	---	---
Phosphorus	ppm	■ 819	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 105	---	---	---

**Depot:** VOLVO2990  
**Unique No:** 10616959  
**Signed:** Don Baldrige  
**Report Date:** 24 Aug 2023



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## GRAPHS

