



CONSTRUCTION EQUIPMENT

634759 RUBYS VOLVO EC220 314072 - SWING DRIVE



Sample No: VCP435393
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 634759 RUBYS



SAMPLE INFORMATION

Sample Number	VCP435393	---	---	---
Sample Date	06 Dec 2023	---	---	---
Machine Hours	3106	---	---	---
Oil Hours	1106	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: PAUL CONZ
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OIL CONDITION

Visc @ 40°C	cSt	▲ 333	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is higher than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 455	---	---	---
Copper	ppm	■ 16	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 54	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 25	---	---	---
Phosphorus	ppm	■ 1106	---	---	---
Barium	ppm	■ 8	---	---	---
Boron	ppm	■ 194	---	---	---

Depot: VOLVO2990
Unique No: 10794914
Signed: Jonathan Hester
Report Date: 21 Dec 2023



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GRAPHS

