



CONSTRUCTION EQUIPMENT

VOLVO EC350EL 314240 - REAR RIGHT FINAL DRIVE



Sample No: VCP0007831
Oil Type: GEAR OIL SAE 90W140
Job No:



ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
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SAMPLE INFORMATION

Sample Number	VCP0007831	VCP316456	---	---
Sample Date	15 Apr 2024	11 Aug 2021	---	---
Machine Hours	0	1096	---	---
Oil Hours	0	1096	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	327	168	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	54	▲ 102	---	---
Sodium	ppm	3	36	---	---
Potassium	ppm	4	5	---	---



WEAR METALS

Iron	ppm	98	▲ 626	---	---
Copper	ppm	1	2	---	---
Lead	ppm	1	0	---	---
Tin	ppm	1	0	---	---
Aluminum	ppm	9	● 14	---	---
Chromium	ppm	4	▲ 16	---	---
Molybdenum	ppm	2	3	---	---
Nickel	ppm	2	1	---	---
Titanium	ppm	1	2	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	2	13	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	43	1189	---	---
Magnesium	ppm	2	53	---	---
Zinc	ppm	4	28	---	---
Phosphorus	ppm	645	461	---	---
Barium	ppm	0	3	---	---
Boron	ppm	174	3	---	---

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 90W140. 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.



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GRAPHS

