



CONSTRUCTION EQUIPMENT

VOLVO EC200EL EC200EL3 14507 - REAR LEFT FINAL DRIVE



Sample No: VCP0007918
Oil Type: GEAR OIL SAE 90W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007918	VCP0008100	---	---
Sample Date	11 Dec 2023	01 Nov 2023	---	---
Machine Hours	1643	1643	---	---
Oil Hours	1643	1643	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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 JACKSONVILLE, FL
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OIL CONDITION

Visc @ 40°C	cSt	350	324	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	0	284	---	---
Sodium	ppm	0	25	---	---
Potassium	ppm	<1	16	---	---

Diagnosis

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	<1	1187	---	---
Copper	ppm	0	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	31	---	---
Chromium	ppm	0	15	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	7	---	---
Titanium	ppm	0	3	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	17	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	6	594	---	---
Magnesium	ppm	0	22	---	---
Zinc	ppm	0	16	---	---
Phosphorus	ppm	1077	854	---	---
Barium	ppm	0	0	---	---
Boron	ppm	222	117	---	---

Depot: VOLVO0092
Unique No: 10789096
Signed: Jonathan Hester
Report Date: 18 Dec 2023



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GRAPHS

