



CONSTRUCTION EQUIPMENT

GENERAL RV VOLVO L20H 1220370 - REAR AXLE



Sample No: VCP412099
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: GENERAL RV



SAMPLE INFORMATION

Sample Number	VCP412099	VCP398803	---	---
Sample Date	17 Jul 2023	22 Dec 2022	---	---
Machine Hours	2350	2297	---	---
Oil Hours	0	500	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	125	127	---	---
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CONTAMINATION

Silicon	ppm	11	10	---	---
Sodium	ppm	8	7	---	---
Potassium	ppm	1	<1	---	---

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	303	252	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	4	4	---	---
Molybdenum	ppm	5	5	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	10	9	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1838	1820	---	---
Magnesium	ppm	36	38	---	---
Zinc	ppm	754	762	---	---
Phosphorus	ppm	1031	993	---	---
Barium	ppm	0	0	---	---
Boron	ppm	157	149	---	---

Depot: VOLVO0093
Unique No: 10615346
Signed: Sean Felton
Report Date: 23 Aug 2023



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GRAPHS

