



CONSTRUCTION EQUIPMENT

GENERAL RV VOLVO L20H 1220370 - FRONT AXLE



Sample No: VCP425803
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: GENERAL RV



SAMPLE INFORMATION

Sample Number	VCP425803	VCP388339	---	---
Sample Date	17 Jul 2023	22 Dec 2022	---	---
Machine Hours	1483	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	160	129	---	---
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CONTAMINATION

Silicon	ppm	7	11	---	---
Sodium	ppm	0	9	---	---
Potassium	ppm	3	<1	---	---



WEAR METALS

Iron	ppm	239	249	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	3	4	---	---
Molybdenum	ppm	6	5	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	10	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1289	1809	---	---
Magnesium	ppm	40	35	---	---
Zinc	ppm	573	742	---	---
Phosphorus	ppm	1060	1046	---	---
Barium	ppm	2	0	---	---
Boron	ppm	164	149	---	---

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.

Depot: VOLVO0093
Unique No: 10607525
Signed: Don Baldrige
Report Date: 18 Aug 2023



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GRAPHS

