



CONSTRUCTION EQUIPMENT

386201 GRAND VALLEY VOLVO L20F 1706634 - REAR AXLE



Sample No: VCP408775
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 386201 GRAND VALLEY



ALTA EQUIPMENT COMPANY- BYRON CENTER
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SAMPLE INFORMATION

Sample Number	VCP408775	---	---	---
Sample Date	23 Oct 2023	---	---	---
Machine Hours	3057	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 110	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 104	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 482	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 119	---	---	---
Phosphorus	ppm	█ 1577	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 47	---	---	---

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: VOLVO0046
Unique No: 10755949
Signed: Sean Felton
Report Date: 28 Nov 2023



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GRAPHS

