



CONSTRUCTION EQUIPMENT

SPM621727 CADILLAC VOLVO L25H 1420330 - REAR AXLE



Sample No: VCP397365
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621727 CADILLAC



SAMPLE INFORMATION

Sample Number	VCP397365	---	---	---
Sample Date	02 Nov 2023	---	---	---
Machine Hours	1446	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	▲ 63.6	---	---	---
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CONTAMINATION

Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 17	---	---	---
Potassium	ppm	■ 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 oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	■ 284	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 15	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	▲ 3462	---	---	---
Magnesium	ppm	■ 5	---	---	---
Zinc	ppm	▲ 1456	---	---	---
Phosphorus	ppm	▲ 1143	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	▲ 118	---	---	---

Depot: VOLVO5023
Unique No: 10736973
Signed: Sean Felton
Report Date: 13 Nov 2023



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GRAPHS

