



CONSTRUCTION EQUIPMENT

568047 GLE VOLVO L20H 1220431 - FRONT AXLE



Sample No: VCP417619
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 568047 GLE



SAMPLE INFORMATION

Sample Number	VCP417619	---	---	---
Sample Date	05 Jul 2023	---	---	---
Machine Hours	2618	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	▲ 63.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 6	---	---	---



WEAR METALS

Iron	ppm	■ 283	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 17	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	▲ 3610	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	▲ 1420	---	---	---
Phosphorus	ppm	■ 1173	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 135	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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.

Depot: VOLVO0096
Unique No: 10549842
Signed: Don Baldrige
Report Date: 12 Jul 2023



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GRAPHS

