



CONSTRUCTION EQUIPMENT

SPM593545 VOLVO A25G 752747 - REAR AXLE



Sample No: VCP412765
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SPM593545



SAMPLE INFORMATION

Sample Number	VCP412765	---	---	---
Sample Date	05 Aug 2023	---	---	---
Machine Hours	518	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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 US 32824
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OIL CONDITION

Visc @ 40°C	cSt	▲ 107	---	---	---
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CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

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. Confirm oil type.

WEAR METALS

Iron	ppm	■ 265	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 13	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 187	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 57	---	---	---
Phosphorus	ppm	■ 1535	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 361	---	---	---

Depot: VOLVO0096
Unique No: 10605111
Signed: Don Baldrige
Report Date: 16 Aug 2023



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GRAPHS

