



CONSTRUCTION EQUIPMENT

SWA346709 VOLVO A30G 753194 - REAR AXLE



Sample No: VCP434693
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA346709



SAMPLE INFORMATION

Sample Number	VCP434693	VCP411382	---	---
Sample Date	31 Aug 2023	21 Apr 2023	---	---
Machine Hours	1140	662	---	---
Oil Hours	0	662	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 196	▲ 89.8	---	---
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CONTAMINATION

Silicon	ppm	█ 3	█ 6	---	---
Sodium	ppm	█ <1	█ 2	---	---
Potassium	ppm	█ 2	█ 6	---	---

WEAR METALS

Iron	ppm	█ 76	█ 394	---	---
Copper	ppm	█ 4	█ 25	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 1	---	---
Aluminum	ppm	█ 0	█ <1	---	---
Chromium	ppm	█ 2	█ 8	---	---
Molybdenum	ppm	█ 9	█ 9	---	---
Nickel	ppm	█ <1	█ 4	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	█ 14	---	---
Vanadium	ppm	0	<1	---	---

ADDITIVES

Calcium	ppm	█ 360	█ 820	---	---
Magnesium	ppm	█ 33	█ 5	---	---
Zinc	ppm	█ 169	█ 354	---	---
Phosphorus	ppm	█ 997	█ 1477	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 208	█ 265	---	---

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: VOLVO0096
Unique No: 10634481
Signed: Wes Davis
Report Date: 07 Sep 2023



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GRAPHS

