



CONSTRUCTION EQUIPMENT

SWA396709 VOLVO A30G 753194 - BOGIE/CENTER AXLE



Sample No: VCP434685
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA396709



SAMPLE INFORMATION

Sample Number	VCP434685	VCP420239	---	---
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	█ 203	▲ 86.2	---	---
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CONTAMINATION

Silicon	ppm	█ 4	█ 4	---	---
Sodium	ppm	█ <1	█ 2	---	---
Potassium	ppm	█ 1	█ 8	---	---

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.



WEAR METALS

Iron	ppm	█ 90	█ 301	---	---
Copper	ppm	█ 6	█ 15	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 0	█ <1	---	---
Chromium	ppm	█ 2	█ 6	---	---
Molybdenum	ppm	█ 9	█ 8	---	---
Nickel	ppm	█ <1	█ 3	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 3	█ 11	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	█ 254	█ 1055	---	---
Magnesium	ppm	█ 35	█ 5	---	---
Zinc	ppm	█ 132	█ 447	---	---
Phosphorus	ppm	█ 1003	█ 1405	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 207	█ 253	---	---

Depot: VOLVO0096
Unique No: 10634479
Signed: Wes Davis
Report Date: 07 Sep 2023



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GRAPHS

