



CONSTRUCTION EQUIPMENT

VOLVO A40G 352449 - FRONT AXLE



Sample No: VCP402634
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP402634	VCP311427	---	---
Sample Date	25 Oct 2023	30 Apr 2021	---	---
Machine Hours	7451	2179	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	█ 294	▲ 52.0	---	---
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CONTAMINATION

Silicon	ppm	█ 4	█ 2	---	---
Sodium	ppm	█ 1	█ 1	---	---
Potassium	ppm	█ <1	█ 3	---	---

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	█ 35	█ 333	---	---
Copper	ppm	█ 2	█ 2	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 0	█ 1	---	---
Chromium	ppm	█ <1	█ 5	---	---
Molybdenum	ppm	█ 8	█ 9	---	---
Nickel	ppm	█ 0	█ 1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 2	█ 16	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 104	█ 42	---	---
Magnesium	ppm	█ 35	█ 1	---	---
Zinc	ppm	█ 56	█ 21	---	---
Phosphorus	ppm	█ 973	█ 2410	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 178	█ 225	---	---

Depot: VOLVO0090
Unique No: 10715876
Signed: Wes Davis
Report Date: 31 Oct 2023



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GRAPHS

