



CONSTRUCTION EQUIPMENT

VOLVO A40G 352412 - FRONT AXLE



Sample No: VCP434451
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP434451	VCP332023	---	---
Sample Date	02 Nov 2023	24 Nov 2021	---	---
Machine Hours	4381	2279	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	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	█ 262	▲ 51.5	---	---
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CONTAMINATION

Silicon	ppm	█ 4	█ 4	---	---
Sodium	ppm	█ <1	█ 2	---	---
Potassium	ppm	█ 1	█ 0	---	---



WEAR METALS

Iron	ppm	█ 149	█ 176	---	---
Copper	ppm	█ 2	█ 4	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ 0	---	---
Chromium	ppm	█ 2	█ 3	---	---
Molybdenum	ppm	█ 6	█ 0	---	---
Nickel	ppm	█ <1	█ 2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 8	█ 12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 62	█ 6	---	---
Magnesium	ppm	█ 23	█ 0	---	---
Zinc	ppm	46	█ 10	---	---
Phosphorus	ppm	█ 1142	█ 2389	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 191	█ 183	---	---

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: VOLVO0090
Unique No: 10737599
Signed: Sean Felton
Report Date: 14 Nov 2023



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GRAPHS

