



CONSTRUCTION EQUIPMENT

VOLVO A40G 352449 - REAR AXLE



Sample No: VCP371353
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP371353	VCP311429	---	---
Sample Date	25 Oct 2023	30 Apr 2021	---	---
Machine Hours	7451	2179	---	---
Oil Hours	0	0	---	---
Oil Changed	Not 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	301	▲ 52.9	---	---
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CONTAMINATION

Silicon	ppm	4	6	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	0	4	---	---



WEAR METALS

Iron	ppm	91	337	---	---
Copper	ppm	<1	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	1	4	---	---
Molybdenum	ppm	8	4	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	14	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	90	27	---	---
Magnesium	ppm	35	1	---	---
Zinc	ppm	49	15	---	---
Phosphorus	ppm	978	2354	---	---
Barium	ppm	0	0	---	---
Boron	ppm	185	181	---	---

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: 10715875
Signed: Wes Davis
Report Date: 31 Oct 2023



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GRAPHS

