



CONSTRUCTION EQUIPMENT

VOLVO A40G 352692 - BOGIE/CENTER AXLE



Sample No: VCP387135
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP387135	VCP375832	---	---
Sample Date	11 Oct 2023	09 Jun 2022	---	---
Machine Hours	4747	2454	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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

Visc @ 40°C	cSt	289	287	---	---
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CONTAMINATION

Silicon	ppm	4	14	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	101	60	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	5	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	7	8	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	51	71	---	---
Magnesium	ppm	13	23	---	---
Zinc	ppm	39	33	---	---
Phosphorus	ppm	1018	1024	---	---
Barium	ppm	2	0	---	---
Boron	ppm	211	148	---	---

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: 10696455
Signed: Sean Felton
Report Date: 17 Oct 2023



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GRAPHS

