



CONSTRUCTION EQUIPMENT

VOLVO A40G 352676 - BOGIE/CENTER AXLE



Sample No: VCP412494
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP412494	VCP355249	---	---
Sample Date	05 Sep 2023	08 Jun 2022	---	---
Machine Hours	4379	2274	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	SEVERE	NORMAL	---	---

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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	291	296	---	---
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CONTAMINATION

Water	%	1.70	---	---	---
Silicon	ppm	18	13	---	---
Sodium	ppm	5	<1	---	---
Potassium	ppm	5	<1	---	---



WEAR METALS

Iron	ppm	174	55	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	1	0	---	---
Aluminum	ppm	1	5	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	7	7	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	75	69	---	---
Magnesium	ppm	15	22	---	---
Zinc	ppm	31	32	---	---
Phosphorus	ppm	1013	948	---	---
Barium	ppm	0	0	---	---
Boron	ppm	189	136	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high amount of visible silt present in the sample. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0090
Unique No: 10642705
Signed: Don Baldrige
Report Date: 13 Sep 2023



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GRAPHS

