



CONSTRUCTION EQUIPMENT

VOLVO A40G 352410 - FRONT AXLE



Sample No: VCP412143
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP412143	VCP329171	---	---
Sample Date	09 Aug 2023	30 Sep 2021	---	---
Machine Hours	3913	2118	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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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	272	52.0	---	---
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CONTAMINATION

Silicon	ppm	4	5	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	<1	2	---	---



WEAR METALS

Iron	ppm	183	447	---	---
Copper	ppm	1	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	3	7	---	---
Molybdenum	ppm	7	7	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	1	---	---
Manganese	ppm	7	23	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	87	45	---	---
Magnesium	ppm	18	2	---	---
Zinc	ppm	52	18	---	---
Phosphorus	ppm	1068	2422	---	---
Barium	ppm	0	0	---	---
Boron	ppm	184	248	---	---

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: 10606382
Signed: Wes Davis
Report Date: 17 Aug 2023



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GRAPHS

