



CONSTRUCTION EQUIPMENT

VOLVO A40G 352410 - REAR AXLE



Sample No: VCP412142
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP412142	VCP328931	---	---
Sample Date	09 Aug 2023	30 Sep 2021	---	---
Machine Hours	3913	2118	---	---
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
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OIL CONDITION

Visc @ 40°C	cSt	284	52.1	---	---
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CONTAMINATION

Silicon	ppm	43	27	---	---
Sodium	ppm	1	3	---	---
Potassium	ppm	2	6	---	---



WEAR METALS

Iron	ppm	148	543	---	---
Copper	ppm	3	5	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	10	12	---	---
Chromium	ppm	2	8	---	---
Molybdenum	ppm	6	13	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	4	28	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	135	152	---	---
Magnesium	ppm	27	8	---	---
Zinc	ppm	53	22	---	---
Phosphorus	ppm	1051	2474	---	---
Barium	ppm	0	0	---	---
Boron	ppm	168	179	---	---

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: 10606388
Signed: Wes Davis
Report Date: 17 Aug 2023



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GRAPHS

