



CONSTRUCTION EQUIPMENT

579653 VOLVO A40G 353131 - REAR AXLE



Sample No: VCP422686
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 579653



SAMPLE INFORMATION

Sample Number	VCP422686	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	2234	---	---	---
Oil Hours	1500	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
 rturner@ripatampa.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	█ 309	---	---	---
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CONTAMINATION

Silicon	ppm	█ 37	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

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.

WEAR METALS

Iron	ppm	█ 170	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 111	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	44	---	---	---
Phosphorus	ppm	█ 1107	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 228	---	---	---

Depot: RIPTAM
Unique No: 10565997
Signed: Wes Davis
Report Date: 24 Jul 2023



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GRAPHS

