



CONSTRUCTION EQUIPMENT

565509 VOLVO A30G 752905 - FRONT AXLE



Sample No: VCP407833
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 565509



SAMPLE INFORMATION

Sample Number	VCP407833	---	---	---
Sample Date	13 Jun 2023	---	---	---
Machine Hours	1244	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

RIPA AND ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	█ 219	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 109	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 505	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 183	---	---	---
Magnesium	ppm	█ 16	---	---	---
Zinc	ppm	█ 89	---	---	---
Phosphorus	ppm	█ 1101	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 174	---	---	---

Depot: RIPTAM
Unique No: 10551186
Signed: Don Baldrige
Report Date: 13 Jul 2023



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GRAPHS

