



CONSTRUCTION EQUIPMENT

687813 VOLVO A30G 752847 - BOGIE/CENTER AXLE



Sample No: VCP437946
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 687813



SAMPLE INFORMATION

Sample Number	VCP437946	VCP392529	VCP384957	---
Sample Date	16 Mar 2024	15 Mar 2023	15 Nov 2022	---
Machine Hours	3292	1063	484	---
Oil Hours	2792	500	500	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	204	206	87.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	6	6	---
Sodium	ppm	0	<1	<1	---
Potassium	ppm	2	<1	3	---

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	174	141	377	---
Copper	ppm	10	6	17	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	2	2	7	---
Molybdenum	ppm	7	8	12	---
Nickel	ppm	<1	<1	4	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	5	12	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	379	391	1030	---
Magnesium	ppm	16	23	4	---
Zinc	ppm	184	188	424	---
Phosphorus	ppm	1068	1092	1250	---
Barium	ppm	2	0	0	---
Boron	ppm	174	190	230	---

Depot: RIPTAM
Unique No: 11018975
Signed: Wes Davis
Report Date: 09 May 2024



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GRAPHS

