



CONSTRUCTION EQUIPMENT

VOLVO A30G 752847 - FRONT AXLE



Sample No: VCP444741
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP444741	VCP398093	VCP384936	---
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	200	206	87.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	5	5	---
Sodium	ppm	0	<1	<1	---
Potassium	ppm	2	<1	4	---

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	159	134	282	---
Copper	ppm	18	8	14	---
Lead	ppm	0	0	<1	---
Tin	ppm	1	0	<1	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	2	2	6	---
Molybdenum	ppm	6	7	13	---
Nickel	ppm	1	<1	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	4	11	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	363	389	1084	---
Magnesium	ppm	18	23	4	---
Zinc	ppm	184	185	442	---
Phosphorus	ppm	1129	1083	1254	---
Barium	ppm	1	0	0	---
Boron	ppm	170	177	239	---

Depot: RIPTAM
Unique No: 11018976
Signed: Wes Davis
Report Date: 09 May 2024



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GRAPHS

