



CONSTRUCTION EQUIPMENT

687484 VOLVO A30G 752866 - REAR AXLE



Sample No: VCP445389
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 687484



SAMPLE INFORMATION

Sample Number	VCP445389	VCP422140	VCP402760	---
Sample Date	15 Mar 2024	05 Jul 2023	13 Feb 2023	---
Machine Hours	2208	1096	526	---
Oil Hours	1500	500	526	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RIPA AND ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	201	206	89.3	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	2	8	---
Sodium	ppm	<1	<1	2	---
Potassium	ppm	0	2	5	---

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	195	104	318	---
Copper	ppm	14	6	13	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	0	1	<1	---
Chromium	ppm	3	2	6	---
Molybdenum	ppm	4	4	8	---
Nickel	ppm	2	<1	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	3	10	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	313	277	892	---
Magnesium	ppm	17	16	2	---
Zinc	ppm	158	126	368	---
Phosphorus	ppm	1192	1066	1259	---
Barium	ppm	1	0	3	---
Boron	ppm	162	174	255	---

Depot: RIPTAM
Unique No: 10976309
Signed: Don Baldrige
Report Date: 15 Apr 2024



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GRAPHS

