



CONSTRUCTION EQUIPMENT

646466 VOLVO A30G 740270 - BOGIE/CENTER AXLE



Sample No: VCP432368
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 646466



SAMPLE INFORMATION

Sample Number	VCP432368	VCP388343	VCP377777	VCP326449
Sample Date	13 Dec 2023	23 Nov 2022	01 Jun 2022	23 Sep 2021
Machine Hours	11945	10327	9479	8623
Oil Hours	4000	1500	1000	1500
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	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	267	202	285	242
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	22	4	3	3
Sodium	ppm	0	<1	0	<1
Potassium	ppm	2	0	<1	<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	125	75	78	72
Copper	ppm	18	8	6	12
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	2	<1	0	<1
Chromium	ppm	2	1	1	<1
Molybdenum	ppm	4	3	4	5
Nickel	ppm	1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	<1	2
Manganese	ppm	2	1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	175	79	114	93
Magnesium	ppm	26	20	24	12
Zinc	ppm	93	138	69	55
Phosphorus	ppm	892	804	952	847
Barium	ppm	0	0	0	0
Boron	ppm	197	157	227	149

Depot: RIPTAM
Unique No: 10846433
Signed: Wes Davis
Report Date: 25 Jan 2024



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VOLVO GRAPHS

