



CONSTRUCTION EQUIPMENT

VOLVO A30G 742023 - BOGIE/CENTER AXLE



Sample No: VCP439702
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP439702	VCP411614	VCP396681	VCP359390
Sample Date	02 Apr 2024	11 Sep 2023	08 Mar 2023	20 Apr 2022
Machine Hours	9289	8246	7220	6218
Oil Hours	0	4000	1500	2000
Oil Changed	N/A	Changed	Not Changd	Changed
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	243	143	110	279
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	14	9	16
Sodium	ppm	0	0	2	<1
Potassium	ppm	0	2	0	<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	60	187	83	107
Copper	ppm	4	14	4	9
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	0	0	2	1
Chromium	ppm	0	2	2	2
Molybdenum	ppm	3	2	2	1
Nickel	ppm	0	2	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	4	1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	243	172	529	81
Magnesium	ppm	40	5	6	2
Zinc	ppm	147	86	251	39
Phosphorus	ppm	1196	1427	1290	1237
Barium	ppm	0	1	0	0
Boron	ppm	164	163	157	170

Depot: RIPTAM
Unique No: 11056484
Signed: Wes Davis
Report Date: 31 May 2024



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GRAPHS

