



CONSTRUCTION EQUIPMENT

VOLVO A30G 752302 - BOGIE/CENTER AXLE



Sample No: VCP443022
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP443022	VCP432147	VCP411622	VCP410385
Sample Date	12 Jun 2024	23 Oct 2023	01 Sep 2023	13 Apr 2023
Machine Hours	5450	4260	4098	3244
Oil Hours	0	3760	3500	2744
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	ATTENTION	NORMAL	ATTENTION

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



OIL CONDITION

Visc @ 40°C	cSt	369	90.8	219	87.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	6	9	5
Sodium	ppm	0	1	0	1
Potassium	ppm	1	3	2	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	<1	387	265	316
Copper	ppm	7	95	14	91
Lead	ppm	0	0	<1	0
Tin	ppm	0	4	<1	4
Aluminum	ppm	2	0	0	<1
Chromium	ppm	<1	5	4	5
Molybdenum	ppm	<1	6	3	7
Nickel	ppm	0	2	2	3
Titanium	ppm	<1	0	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	0	15	6	14
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	81	943	220	840
Magnesium	ppm	<1	4	4	8
Zinc	ppm	28	408	127	368
Phosphorus	ppm	1019	1416	1077	1362
Barium	ppm	<1	1	2	1
Boron	ppm	184	221	167	259

Depot: RIPTAM
Unique No: 11085019
Signed: Wes Davis
Report Date: 19 Jun 2024



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VOLVO GRAPHS

