



CONSTRUCTION EQUIPMENT

658711 VOLVO A30G 742060 - BOGIE/CENTER AXLE



Sample No: VCP4408009
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 658711



SAMPLE INFORMATION

Sample Number	VCP4408009	VCP397428	VCP377385	VCP332829
Sample Date	06 Jan 2024	13 Dec 2022	21 Jun 2022	04 Feb 2022
Machine Hours	9195	8120	7206	6292
Oil Hours	1000	4000	1500	2000
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
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OIL CONDITION

Visc @ 40°C	cSt	301	272	243	264
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	▲ 59	4	3
Sodium	ppm	<1	<1	2	0
Potassium	ppm	5	<1	<1	0

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	245	707	122	151
Copper	ppm	5	49	3	4
Lead	ppm	<1	<1	<1	0
Tin	ppm	<1	2	<1	0
Aluminum	ppm	1	5	<1	<1
Chromium	ppm	4	11	2	2
Molybdenum	ppm	16	10	2	5
Nickel	ppm	2	6	1	0
Titanium	ppm	<1	1	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	9	14	2	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	83	53	99	76
Magnesium	ppm	31	9	5	18
Zinc	ppm	51	55	64	39
Phosphorus	ppm	1123	1063	1011	964
Barium	ppm	0	0	0	0
Boron	ppm	152	198	197	177

Depot: RIPTAM
Unique No: 10862347
Signed: Don Baldrige
Report Date: 07 Feb 2024



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VOLVO GRAPHS

