



CONSTRUCTION EQUIPMENT

567604 VOLVO A40G 342177 - REAR AXLE



Sample No: VCP408280
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 567604



SAMPLE INFORMATION

Sample Number	VCP408280	VCP358215	VCP332176	VCP337011
Sample Date	29 Jun 2023	19 Sep 2022	02 Mar 2022	31 Aug 2021
Machine Hours	10619	9334	8227	7246
Oil Hours	2000	500	1500	1000
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ATTENTION	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	319	307	271	272
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CONTAMINATION

Silicon	ppm	4	2	11	3
Sodium	ppm	0	0	0	<1
Potassium	ppm	0	<1	1	8



WEAR METALS

Iron	ppm	66	23	63	27
Copper	ppm	0	0	1	<1
Lead	ppm	0	0	<1	1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	2	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	2	1	7	4
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	45	43	83	61
Magnesium	ppm	7	8	22	17
Zinc	ppm	38	52	69	50
Phosphorus	ppm	1008	996	1008	838
Barium	ppm	0	0	0	0
Boron	ppm	205	177	174	186

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.

Depot: RIPTAM
Unique No: 10574642
Signed: Sean Felton
Report Date: 28 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

