



CONSTRUCTION EQUIPMENT

729036 VOLVO A40G 342177 - FRONT AXLE



Sample No: VCP443572
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 729036



SAMPLE INFORMATION

Sample Number	VCP443572	VCP417105	VCP386064	VCP332198
Sample Date	06 Jun 2024	29 Jun 2023	19 Sep 2022	02 Mar 2022
Machine Hours	11658	10619	9332	8227
Oil Hours	3000	2000	500	1500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	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	298	301	311	255
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	4	2	3
Sodium	ppm	0	0	0	0
Potassium	ppm	1	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	78	61	23	62
Copper	ppm	3	1	<1	9
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	0	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	2	1	1	6
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	106	154	88	156
Magnesium	ppm	5	6	5	21
Zinc	ppm	75	88	56	105
Phosphorus	ppm	1015	1122	978	1023
Barium	ppm	0	0	0	0
Boron	ppm	180	218	170	166

Depot: RIPTAM
Unique No: 11127022
Signed: Sean Felton
Report Date: 18 Jul 2024



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VOLVO GRAPHS

