



CONSTRUCTION EQUIPMENT

661201 VOLVO A40G 342555 - FRONT AXLE



Sample No: VCP439102
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 661201



SAMPLE INFORMATION

Sample Number	VCP439102	VCP406001	VCP350936	VCP317558
Sample Date	02 Feb 2024	21 Apr 2023	07 Jun 2022	16 Jul 2021
Machine Hours	11136	9562	7678	6086
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	291	289	288	291
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	3	3	2
Sodium	ppm	3	<1	0	0
Potassium	ppm	2	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	410	73	54	43
Copper	ppm	4	3	2	2
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	19	0	0	0
Chromium	ppm	4	1	<1	<1
Molybdenum	ppm	4	3	3	3
Nickel	ppm	4	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	6	4	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	126	108	99	109
Magnesium	ppm	18	19	16	16
Zinc	ppm	80	71	68	61
Phosphorus	ppm	1027	941	922	946
Barium	ppm	0	0	2	0
Boron	ppm	153	139	173	199

Depot: VOLVO0096
Unique No: 10871817
Signed: Wes Davis
Report Date: 09 Feb 2024



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VOLVO GRAPHS

