



CONSTRUCTION EQUIPMENT

A11723 VOLVO A40G DE-1622 (S/N 352023) - FRONT AXLE



Sample No: VCP441980
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: A11723



SAMPLE INFORMATION

Sample Number	VCP441980	VCP367403	VCB0000008	VCB0000030
Sample Date	09 Jan 2024	29 Nov 2022	21 Oct 2021	31 Mar 2021
Machine Hours	3123	2635	2030	1415
Oil Hours	0	0	1000	415
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
Contact: MATT MCCLELLAND
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T:
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OIL CONDITION

Visc @ 40°C	cSt	43.9	47.9	53.0	50.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	8	2	0
Sodium	ppm	3	4	<1	3
Potassium	ppm	<1	<1	<1	8

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	52	97	77	48
Copper	ppm	3	3	8	0
Lead	ppm	1	<1	<1	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	3	2	0	0
Chromium	ppm	<1	2	1	1
Molybdenum	ppm	<1	3	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	2	0
Manganese	ppm	1	2	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	145	26	180	10
Magnesium	ppm	4	2	1	0
Zinc	ppm	285	101	64	6
Phosphorus	ppm	1158	2027	2487	2536
Barium	ppm	0	0	0	0
Boron	ppm	72	192	311	290

Depot: DYEBIR
Unique No: 10822031
Signed: Angela Borella
Report Date: 10 Jan 2024



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VOLVO GRAPHS

