



CONSTRUCTION EQUIPMENT

SWO-068559 VOLVO A40G 341023 - REAR AXLE



Sample No: VCP447534
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-068559



SAMPLE INFORMATION

Sample Number	VCP447534	VCP431106	VCP424678	VCP368383
Sample Date	27 Dec 2023	20 Sep 2023	13 Jun 2023	07 Mar 2023
Machine Hours	8960	8472	7952	7404
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	311	316	324	321
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	12	3	2
Sodium	ppm	0	<1	0	0
Potassium	ppm	0	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	0	6	16	12
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	3	0	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	0	4	2	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	106	97	64
Magnesium	ppm	15	26	20	14
Zinc	ppm	45	80	60	39
Phosphorus	ppm	1123	1376	1355	908
Barium	ppm	4	0	2	0
Boron	ppm	207	261	243	151

Depot: SAIBIR
Unique No: 10809860
Signed: Jonathan Hester
Report Date: 04 Jan 2024



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GRAPHS

