



CONSTRUCTION EQUIPMENT

SWO-071570 VOLVO A40G 341023 - BOGIE/CENTER AXLE



Sample No: VCP454496
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-071570



SAMPLE INFORMATION

Sample Number	VCP454496	VCP447551	VCP431090	VCP408963
Sample Date	01 May 2024	27 Dec 2023	20 Sep 2023	13 Jun 2023
Machine Hours	9466	8960	8472	7952
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	316	313	314	326
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	0	5	2
Sodium	ppm	0	0	0	0
Potassium	ppm	0	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	9	0	3	8
Copper	ppm	0	0	0	0
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	<1	0
Chromium	ppm	0	1	0	0
Molybdenum	ppm	2	0	3	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	83	74	75	62
Magnesium	ppm	14	15	17	14
Zinc	ppm	68	45	53	39
Phosphorus	ppm	1092	1095	1017	977
Barium	ppm	0	4	0	2
Boron	ppm	188	198	185	168

Depot: SAIBIR
Unique No: 11020304
Signed: Angela Borella
Report Date: 13 May 2024



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VOLVO GRAPHS

