



CONSTRUCTION EQUIPMENT

SWO-065604 VOLVO A60H 350187 - REAR AXLE



Sample No: VCP433455
Oil Type: NOT GIVEN
Job No: SWO-065604



SAMPLE INFORMATION

Sample Number	VCP433455	VCP402163	VCP370838	VCP363647
Sample Date	06 Sep 2023	28 Feb 2023	14 Oct 2022	08 Aug 2022
Machine Hours	2021	1556	1098	537
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	49.4	50.1	50.0	50.7
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CONTAMINATION

Silicon	ppm	2	2	3	4
Sodium	ppm	2	2	<1	1
Potassium	ppm	4	<1	0	2

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	57	110	103	80
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	0	1
Chromium	ppm	<1	2	1	2
Molybdenum	ppm	<1	3	3	3
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	3	7	6	6
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	354	347	332	339
Magnesium	ppm	2	4	0	2
Zinc	ppm	160	141	141	154
Phosphorus	ppm	2456	2120	2169	2285
Barium	ppm	0	0	0	2
Boron	ppm	290	286	266	294

Depot: SAIBIR
Unique No: 10646454
Signed: Angela Borella
Report Date: 18 Sep 2023



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GRAPHS

