



CONSTRUCTION EQUIPMENT

SWO-065605 VOLVO A30F 82223 - REAR AXLE



Sample No: VCP433461
Oil Type: NOT GIVEN
Job No: SWO-065605



SAMPLE INFORMATION

Sample Number	VCP433461	VCP424671	VCP375493	VCP378006
Sample Date	07 Sep 2023	03 May 2023	16 Aug 2022	10 May 2022
Machine Hours	3759	3243	2751	2263
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	61.8	62.6	61.8	63.8
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CONTAMINATION

Silicon	ppm	6	4	3	4
Sodium	ppm	2	2	0	0
Potassium	ppm	4	1	0	2



WEAR METALS

Iron	ppm	377	281	295	191
Copper	ppm	12	12	11	10
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	1	<1
Aluminum	ppm	0	0	2	1
Chromium	ppm	8	6	5	4
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	3	2	2	0
Titanium	ppm	<1	1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	17	14	13	13
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	34	31	27	34
Magnesium	ppm	<1	1	0	0
Zinc	ppm	13	2	14	8
Phosphorus	ppm	1440	1359	1272	1455
Barium	ppm	0	0	0	0
Boron	ppm	208	178	227	230

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.

Depot: SAIBIR
Unique No: 10646462
Signed: Angela Borella
Report Date: 18 Sep 2023

VOLVO GRAPHS

