



CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - REAR AXLE



Sample No: VCP409224
Oil Type: GEAR OIL SAE 80W90
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP409224	VCP387417	VCP323161	---
Sample Date	06 Jul 2023	28 Nov 2022	02 Jul 2021	---
Machine Hours	9329	8980	4067	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
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 F:

OIL CONDITION

Visc @ 40°C	cSt	45.1	42.7	61.1	---
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CONTAMINATION

Silicon	ppm	16	10	6	---
Sodium	ppm	3	6	6	---
Potassium	ppm	0	2	0	---

WEAR METALS

Iron	ppm	139	127	225	---
Copper	ppm	1	4	6	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	2	<1	---
Chromium	ppm	2	2	4	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	2	1	3	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	3961	3376	46	---
Magnesium	ppm	23	10	2	---
Zinc	ppm	1577	1327	26	---
Phosphorus	ppm	1342	1515	2336	---
Barium	ppm	0	0	0	---
Boron	ppm	149	173	318	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 10560799
Signed: Don Baldrige
Report Date: 18 Jul 2023



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GRAPHS

