



CONSTRUCTION EQUIPMENT

SWA53217 - BOGIE/CENTER AXLE



Sample No: VCP398420
Oil Type: GEAR OIL SAE 80W140
Job No: SWA53217



ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
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SAMPLE INFORMATION

Sample Number	VCP398420	VCP0007641	---	---
Sample Date	26 Apr 2024	23 May 2023	---	---
Machine Hours	6400	6193	---	---
Oil Hours	0	6193	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	218	219	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	4	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	123	113	---	---
Copper	ppm	4	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	1	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	10	11	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	197	165	---	---
Magnesium	ppm	32	32	---	---
Zinc	ppm	123	112	---	---
Phosphorus	ppm	845	810	---	---
Barium	ppm	0	0	---	---
Boron	ppm	121	112	---	---

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: VOLVO2990
Unique No: 11004066
Signed: Wes Davis
Report Date: 30 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

