



CONSTRUCTION EQUIPMENT

647498 GERDAU SENNEBOGEN 850 3143 - REAR LEFT FINAL DRIVE



Sample No: VCP439610
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 647498 GERDAU



SAMPLE INFORMATION

Sample Number	VCP439610	VCP414112	VCP411163	---
Sample Date	17 Jan 2024	28 Jun 2023	12 Apr 2023	---
Machine Hours	4697	2398	1263	---
Oil Hours	1697	1000	1263	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
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OIL CONDITION

Visc @ 40°C	cSt	134	133	158	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	2	5	---
Sodium	ppm	0	<1	4	---
Potassium	ppm	1	0	0	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	22	18	22	---
Copper	ppm	3	5	6	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	35	23	11	---
Magnesium	ppm	<1	0	5	---
Zinc	ppm	15	11	14	---
Phosphorus	ppm	1500	552	1295	---
Barium	ppm	0	2	170	---
Boron	ppm	223	6	66	---

Depot: VOLVO2990
Unique No: 10846454
Signed: Don Baldrige
Report Date: 26 Jan 2024



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GRAPHS

