



CONSTRUCTION EQUIPMENT

646154 GERDAU SENNEBOGEN 825 3313 - REAR RIGHT FINAL DRIVE



Sample No: VCP434424
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 646154 GERDAU



SAMPLE INFORMATION

Sample Number	VCP434424	VCP403878	---	---
Sample Date	13 Dec 2023	11 Jan 2023	---	---
Machine Hours	3721	2845	---	---
Oil Hours	721	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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

Visc @ 40°C	cSt	144	303	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	6	---	---
Sodium	ppm	3	13	---	---
Potassium	ppm	1	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	94	88	---	---
Copper	ppm	6	5	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	2	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	196	631	---	---
Magnesium	ppm	5	6	---	---
Zinc	ppm	125	279	---	---
Phosphorus	ppm	1918	1465	---	---
Barium	ppm	9	0	---	---
Boron	ppm	79	101	---	---

Depot: VOLVO2990
Unique No: 10794918
Signed: Wes Davis
Report Date: 20 Dec 2023



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GRAPHS

