



CONSTRUCTION EQUIPMENT

619687 IHFT SENNEBOGEN 850 1150 - FRONT AXLE



Sample No: VCP431421
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 619687 IHFT



SAMPLE INFORMATION

Sample Number	VCP431421	VCP411131	---	---
Sample Date	28 Nov 2023	27 Apr 2023	---	---
Machine Hours	37869	35842	---	---
Oil Hours	1000	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	■ 133	▲ 57.2	---	---
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CONTAMINATION

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

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	■ 4	■ 13	---	---
Copper	ppm	■ 2	■ 40	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 0	■ <1	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	■ 0	■ <1	---	---
Nickel	ppm	■ 0	■ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ <1	■ 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 16	■ 23	---	---
Magnesium	ppm	■ 0	■ 5	---	---
Zinc	ppm	■ 6	■ 44	---	---
Phosphorus	ppm	■ 1823	2491	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 222	■ 283	---	---

Depot: VOLVO2990
Unique No: 10779548
Signed: Don Baldrige
Report Date: 12 Dec 2023



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GRAPHS

