



CONSTRUCTION EQUIPMENT

619687 IHFT SENNEBOGEN 850 1150 - FRONT LEFT FINAL DRIVE



Sample No: VCP431423
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 619687 IHFT



SAMPLE INFORMATION

Sample Number	VCP431423	VCP411133	---	---
Sample Date	28 Nov 2023	27 Apr 2023	---	---
Machine Hours	37869	35842	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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

Visc @ 40°C	cSt	130	125	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	3	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	<1	2	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible metal present. 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	85	177	---	---
Copper	ppm	4	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	<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	20	21	---	---
Magnesium	ppm	9	18	---	---
Zinc	ppm	17	32	---	---
Phosphorus	ppm	1663	1025	---	---
Barium	ppm	0	2	---	---
Boron	ppm	159	60	---	---

Depot: VOLVO2990
Unique No: 10779565
Signed: Don Baldrige
Report Date: 12 Dec 2023



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VOLVO GRAPHS

