



CONSTRUCTION EQUIPMENT

660061 GLE SENNEBOGEN 830 830.0.2758 - FRONT LEFT FINAL DRIVE



Sample No: VCP445866
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 660061 GLE



SAMPLE INFORMATION

Sample Number	VCP445866	VCP380686	VCP341347	VCP328312
Sample Date	19 Feb 2024	08 Feb 2023	08 Jun 2022	12 Jan 2022
Machine Hours	8236	6106	4965	4157
Oil Hours	1000	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	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	135	132	143	144
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	4	3	5
Sodium	ppm	3	4	1	9
Potassium	ppm	0	0	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	51	92	22	47
Copper	ppm	<1	1	<1	3
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	16	44	34	221
Magnesium	ppm	5	13	0	3
Zinc	ppm	2	37	13	93
Phosphorus	ppm	436	972	1964	1942
Barium	ppm	1	<1	0	<1
Boron	ppm	14	63	141	141

Depot: VOLVO2990
Unique No: 10896943
Signed: Sean Felton
Report Date: 26 Feb 2024



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GRAPHS

