



CONSTRUCTION EQUIPMENT

660061 GLE SENNEBOGEN 830 830.0.2758 - FRONT AXLE



Sample No: VCP445863
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 660061 GLE



SAMPLE INFORMATION

Sample Number	VCP445863	VCP392686	VCP341337	VCP328242
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	145	138	141	143
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	<1	4	3
Sodium	ppm	2	<1	4	2
Potassium	ppm	0	<1	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	23	<1	72	8
Copper	ppm	5	0	2	2
Lead	ppm	0	0	0	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	2	0	<1
Nickel	ppm	<1	0	0	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	0	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4	21	100	14
Magnesium	ppm	0	19	1	<1
Zinc	ppm	11	19	42	21
Phosphorus	ppm	1717	546	1988	1923
Barium	ppm	0	0	0	0
Boron	ppm	139	16	153	161

Depot: VOLVO2990
Unique No: 10896956
Signed: Wes Davis
Report Date: 26 Feb 2024



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GRAPHS

