



CONSTRUCTION EQUIPMENT

SPM621713 BL DUKE SENNEBOGEN 835M 835.0.2811 - REAR RIGHT FINAL DRIVE



Sample No: VCP423287
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621713 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP423287	VCP422589	VCP406091	VCP366893
Sample Date	18 Oct 2023	04 May 2023	01 Mar 2023	16 Aug 2022
Machine Hours	5187	4011	3580	2155
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
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US 46406
Contact: DAVE ENG
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F:



OIL CONDITION

Visc @ 40°C	cSt	197	202	129	184
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CONTAMINATION

Silicon	ppm	19	16	1	4
Sodium	ppm	2	1	0	5
Potassium	ppm	0	1	<1	<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	46	47	2	117
Copper	ppm	24	25	1	71
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	0	0	1	2
Chromium	ppm	0	<1	0	1
Molybdenum	ppm	0	1	3	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2204	1814	99	56
Magnesium	ppm	31	12	47	2
Zinc	ppm	1063	988	99	68
Phosphorus	ppm	830	795	923	1062
Barium	ppm	17	9	0	338
Boron	ppm	2	4	204	3

Depot: VOLVO8885
Unique No: 10738450
Signed: Sean Felton
Report Date: 14 Nov 2023



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GRAPHS

