



CONSTRUCTION EQUIPMENT

SPM621713 BL DUKE SENNEBOGEN 835M 835.0.2811 - FRONT DIFFERENTIAL



Sample No: VCP407987
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621713 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP407987	VCP422598	VCP406059	VCP366897
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	ABNORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	188	190	128	185
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CONTAMINATION

Silicon	ppm	17	7	1	4
Sodium	ppm	2	3	0	4
Potassium	ppm	0	<1	<1	0

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	12	19	3	18
Copper	ppm	42	68	1	45
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	0	1	2
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	<1	<1	3	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1896	428	90	23
Magnesium	ppm	42	3	45	<1
Zinc	ppm	747	288	92	35
Phosphorus	ppm	966	1056	901	1023
Barium	ppm	105	259	0	342
Boron	ppm	0	0	197	1

Depot: VOLVO8885
Unique No: 10738455
Signed: Sean Felton
Report Date: 14 Nov 2023



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VOLVO GRAPHS

