

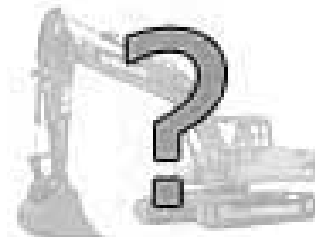


CONSTRUCTION EQUIPMENT

SPM581201 SENNEBOGEN 835ME 835.0.2266 - REAR RIGHT FINAL DRIVE



Sample No: VCP422991
Oil Type: GEAR OIL SAE 80W90
Job No: SPM581201



SAMPLE INFORMATION

Sample Number	VCP422991	VCP422831	VCP401587	VCP326831
Sample Date	11 Aug 2023	09 May 2023	20 Feb 2023	04 Nov 2021
Machine Hours	19533	19009	18581	16353
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
 ryan.wise@simsmm.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	137	141	188	142
-------------	-----	------------	-----	-----	-----

CONTAMINATION

Silicon	ppm	16	9	2	7
Sodium	ppm	0	0	1	0
Potassium	ppm	<1	1	2	<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	273	124	65	137
Copper	ppm	29	26	7	15
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	0	0	1
Chromium	ppm	2	<1	1	<1
Molybdenum	ppm	2	2	5	2
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	4	2	4	2
Vanadium	ppm	0	0	0	<1

ADDITIVES

Calcium	ppm	639	551	207	340
Magnesium	ppm	16	14	20	11
Zinc	ppm	287	295	101	173
Phosphorus	ppm	558	518	936	520
Barium	ppm	0	0	0	0
Boron	ppm	44	35	247	52

Depot: SIMCHIL
Unique No: 10616408
Signed: Don Baldrige
Report Date: 23 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

