



CONSTRUCTION EQUIPMENT

SPM595474 SENNEBOGEN 825ME 825.0.3415 - FRONT RIGHT FINAL DRIVE



Sample No: VCP415187
Oil Type: GEAR OIL SAE 80W90
Job No: SPM595474



SAMPLE INFORMATION

Sample Number	VCP415187	VCP418527	VCP410834	VCP340364
Sample Date	25 Aug 2023	08 May 2023	09 Mar 2023	29 Apr 2022
Machine Hours	7037	6085	5539	3139
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	166	126	128	122
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CONTAMINATION

Silicon	ppm	12	11	12	11
Sodium	ppm	3	9	4	8
Potassium	ppm	0	0	2	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	34	85	91	74
Copper	ppm	12	33	32	24
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	1	<1	2	1
Chromium	ppm	<1	<1	1	1
Molybdenum	ppm	2	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2691	2410	2392	2846
Magnesium	ppm	50	17	15	20
Zinc	ppm	1010	1034	988	1157
Phosphorus	ppm	887	975	937	941
Barium	ppm	<1	0	0	0
Boron	ppm	22	43	41	41

Depot: ALLCHIL
Unique No: 10634528
Signed: Don Baldrige
Report Date: 08 Sep 2023



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VOLVO GRAPHS

