



CONSTRUCTION EQUIPMENT

SPM621417 SENNEBOGEN 825ME 825.0.3425 - REAR RIGHT FINAL DRIVE



Sample No: VCP415037
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621417



SAMPLE INFORMATION

Sample Number	VCP415037	VCP423414	VCP404773	VCP363618
Sample Date	18 Oct 2023	08 Jun 2023	29 Mar 2023	06 Sep 2022
Machine Hours	7157	5757	5489	3985
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	144	197	197	169
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CONTAMINATION

Silicon	ppm	3	11	13	19
Sodium	ppm	2	3	2	2
Potassium	ppm	0	0	0	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	15	10	12	12
Copper	ppm	3	0	<1	4
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	1	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	530	2861	2716	2370
Magnesium	ppm	11	15	17	17
Zinc	ppm	254	1263	1161	963
Phosphorus	ppm	584	1004	947	880
Barium	ppm	1	0	0	0
Boron	ppm	2	1	2	0

Depot: ALLCHIL
Unique No: 10738459
Signed: Sean Felton
Report Date: 14 Nov 2023



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VOLVO GRAPHS

