



CONSTRUCTION EQUIPMENT

SPM621417 SENNEBOGEN 825ME 825.0.3425 - REAR LEFT FINAL DRIVE



Sample No: VCP425322
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621417



SAMPLE INFORMATION

Sample Number	VCP425322	VCP423422	VCP404774	VCP387552
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	NORMAL	NORMAL

ALL AMERICAN RECYCLING
11900 S COTTAGE GROVE AVE
CHICAGO, IL
US 60628
Contact: TOM BOCHENEK
ferrous@aarecyclcles.com
T: (815)735-9892
F:



OIL CONDITION

Visc @ 40°C	cSt	143	196	194	169
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CONTAMINATION

Silicon	ppm	3	11	13	20
Sodium	ppm	2	3	3	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	9	10	13	12
Copper	ppm	2	0	<1	4
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	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	521	2851	2775	2338
Magnesium	ppm	2	16	16	17
Zinc	ppm	251	1276	1138	943
Phosphorus	ppm	596	1007	936	863
Barium	ppm	0	0	0	0
Boron	ppm	<1	2	2	0

Depot: ALLCHIL
Unique No: 10738465
Signed: Sean Felton
Report Date: 14 Nov 2023



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VOLVO GRAPHS

