



CONSTRUCTION EQUIPMENT

SPM595474 SENNEBOGEN 825ME 825.0.3415 - FRONT LEFT FINAL DRIVE



Sample No: VCP415071
Oil Type: GEAR OIL SAE 80W90
Job No: SPM595474



SAMPLE INFORMATION

Sample Number	VCP415071	VCP418518	VCP410831	VCP361059
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

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	187	166	167	168
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	17	22	23	20
Sodium	ppm	1	6	3	6
Potassium	ppm	0	<1	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	27	93	91	72
Copper	ppm	9	49	47	13
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	2	1
Chromium	ppm	<1	2	1	1
Molybdenum	ppm	2	1	1	1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2956	2331	2397	2608
Magnesium	ppm	60	17	18	22
Zinc	ppm	1107	986	997	1048
Phosphorus	ppm	904	872	852	853
Barium	ppm	0	0	0	0
Boron	ppm	15	23	22	19

Depot: ALLCHIL
Unique No: 10634512
Signed: Don Baldrige
Report Date: 08 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

