



CONSTRUCTION EQUIPMENT

SPM700133 SENNEBOGAN 825M 825.0.3415 - REAR LEFT FINAL DRIVE



Sample No: VCP413913
Oil Type: GEAR OIL SAE 80W90
Job No: SPM700133



SAMPLE INFORMATION

Sample Number	VCP413913	VCP415186	VCP418522	VCP410829
Sample Date	12 Apr 2024	25 Aug 2023	08 May 2023	09 Mar 2023
Machine Hours	8667	7037	6085	5539
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
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	195	174	171	170
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	21	14	19	18
Sodium	ppm	<1	4	3	0
Potassium	ppm	0	0	0	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	94	18	31	28
Copper	ppm	40	4	3	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	1	<1	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	2	<1	<1	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2243	2410	2424	2384
Magnesium	ppm	26	32	22	20
Zinc	ppm	1008	973	1044	994
Phosphorus	ppm	842	844	877	842
Barium	ppm	2	0	0	0
Boron	ppm	8	20	19	21

Depot: ALLCHIL
Unique No: 10990292
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

