



CONSTRUCTION EQUIPMENT

SENNEBOGEN 825 825.0.3324 - REAR AXLE



Sample No: VCP440540
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP440540	VCP370236	VCP327091	---
Sample Date	28 Mar 2024	03 May 2023	06 Nov 2021	---
Machine Hours	11523	8745	5635	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

UNITED SCRAP

1545 S CICERO AVE
 CICERO, IL
 US 60804
 Contact: RON LUCHTENBURG
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	120	90.5	55.0	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	34	---
Sodium	ppm	7	8	16	---
Potassium	ppm	2	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	25	28	86	---
Copper	ppm	3	3	11	---
Lead	ppm	0	<1	<1	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	1	0	8	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	2	2	1	---
Nickel	ppm	<1	1	0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	468	999	3306	---
Magnesium	ppm	7	13	14	---
Zinc	ppm	205	428	1363	---
Phosphorus	ppm	1549	622	1085	---
Barium	ppm	0	0	0	---
Boron	ppm	120	40	121	---

Depot: UNICICIL
Unique No: 10963684
Signed: Don Baldrige
Report Date: 06 Apr 2024



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GRAPHS

