



CONSTRUCTION EQUIPMENT

SPM634757 SENNEBOGEN 825 825.0.3972 - FRONT AXLE



Sample No: VCP435666
Oil Type: GEAR OIL SAE 80W90
Job No: SPM634757



SAMPLE INFORMATION

Sample Number	VCP435666	VCP415193	VCP420049	---
Sample Date	29 Nov 2023	12 Sep 2023	13 Jul 2023	---
Machine Hours	1168	646	291	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

LEMONT SCRAP

16229 NEW AVE.

LEMONT, IL

US 60432

Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	65.8	66.2	65.5	---
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T:

F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	12	11	---
Sodium	ppm	10	15	14	---
Potassium	ppm	6	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	6	10	9	---
Copper	ppm	<1	4	0	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	3	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	2	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2493	3624	3667	---
Magnesium	ppm	14	11	14	---
Zinc	ppm	1139	1471	1524	---
Phosphorus	ppm	884	1157	1195	---
Barium	ppm	0	0	0	---
Boron	ppm	88	119	138	---

Depot: LEMLEMVC

Unique No: 10793405

Signed: Jonathan Hester

Report Date: 20 Dec 2023



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GRAPHS

