



CONSTRUCTION EQUIPMENT

SPM634757 SENNEBOGEN 825 825.0.3972 - REAR AXLE



Sample No: VCP435732
Oil Type: GEAR OIL SAE 80W90
Job No: SPM634757



SAMPLE INFORMATION

Sample Number	VCP435732	VCP415191	VCP420045	---
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	66.4	65.6	65.9	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	14	11	---
Sodium	ppm	11	20	16	---
Potassium	ppm	7	3	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	12	10	---
Copper	ppm	3	5	1	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	4	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	2	3	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2452	4455	3711	---
Magnesium	ppm	14	13	13	---
Zinc	ppm	1128	1801	1530	---
Phosphorus	ppm	884	1415	1189	---
Barium	ppm	0	0	0	---
Boron	ppm	86	147	132	---

Depot: LEMLEMVC
Unique No: 10793391
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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GRAPHS

