



CONSTRUCTION EQUIPMENT

SPM715231 SENNEBOGEN 835ME 835.0.3282 - FRONT LEFT FINAL DRIVE



Sample No: VCP446418
Oil Type: GEAR OIL SAE 80W90
Job No: SPM715231



SAMPLE INFORMATION

Sample Number	VCP446418	VCP436983	VCP393792	---
Sample Date	25 Jun 2024	08 Dec 2023	08 Dec 2023	---
Machine Hours	1200	223	223	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---

BELSON STEEL
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F:



OIL CONDITION

Visc @ 40°C	cSt	149	170	169	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	4	3	---
Sodium	ppm	2	12	11	---
Potassium	ppm	2	0	0	---



WEAR METALS

Iron	ppm	73	253	135	---
Copper	ppm	135	50	150	---
Lead	ppm	9	1	14	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	4	<1	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	2	5	4	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	86	18	86	---
Magnesium	ppm	2	<1	<1	---
Zinc	ppm	77	49	157	---
Phosphorus	ppm	669	1298	1299	---
Barium	ppm	54	255	218	---
Boron	ppm	7	43	28	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The copper level is abnormal. High concentration of visible yellow metal present. There is a moderate amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

Depot: BELBOU
Unique No: 11129494
Signed: Don Baldrige
Report Date: 20 Jul 2024



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GRAPHS

