



CONSTRUCTION EQUIPMENT

SPM567479 SENNEBOGEN 835ME 835.0.2012 (S/N 835.2012) - FRONT AXLE



Sample No: VCP422206
Oil Type: TDTO FLUID SAE 50
Job No: SPM567479



SAMPLE INFORMATION

Sample Number	VCP422206	VCP404383	VCP315375	---
Sample Date	26 Jun 2023	20 Jan 2023	06 Aug 2021	---
Machine Hours	18012	17488	15745	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	112	131	131	---
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CONTAMINATION

Silicon	ppm	8	<1	1	---
Sodium	ppm	0	0	0	---
Potassium	ppm	2	<1	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	26	7	4	---
Copper	ppm	6	7	4	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	0	0	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	3	3	3	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	2290	163	116	---
Magnesium	ppm	43	23	26	---
Zinc	ppm	1277	105	65	---
Phosphorus	ppm	1068	675	787	---
Barium	ppm	0	<1	0	---
Boron	ppm	18	119	144	---

Depot: SIMCHIL
Unique No: 10574681
Signed: Sean Felton
Report Date: 28 Jul 2023



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GRAPHS

