



CONSTRUCTION EQUIPMENT

SPM606511 SENNEBOGEN 835ME 835.0.2733 - REAR DIFFERENTIAL



Sample No: VCP415048
Oil Type: GEAR OIL SAE 80W90
Job No: SPM606511



SAMPLE INFORMATION

Sample Number	VCP415048	VCP415042	VCP422838	---
Sample Date	19 Oct 2023	19 Oct 2023	18 Jul 2023	---
Machine Hours	15132	7319	6795	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
 CHICAGO, IL
 US 60608
 Contact: RYAN WISE
 ryan.wise@simsmm.com
 T:
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OIL CONDITION

Visc @ 40°C	cSt	160	161	174	---
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CONTAMINATION

Silicon	ppm	13	15	48	---
Sodium	ppm	12	12	4	---
Potassium	ppm	2	2	0	---



WEAR METALS

Iron	ppm	215	221	118	---
Copper	ppm	0	<1	30	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	3	1	---
Chromium	ppm	7	8	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	1	1	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	6	7	3	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	50	38	85	---
Magnesium	ppm	6	7	2	---
Zinc	ppm	10	7	56	---
Phosphorus	ppm	306	312	1138	---
Barium	ppm	<1	<1	268	---
Boron	ppm	0	0	7	---

Diagnosis

Resample at the next service interval to monitor. NOTE: one of two samples received with same ID and sampling date. Note that there appears to be a discrepancy in the total time on this component, when compared to the historical data. Please note that this is a corrected copy for diagnostic comment updates. 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.

Depot: SIMCHIL
Unique No: 10713417
Signed: Don Baldrige
Report Date: 30 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

