



CONSTRUCTION EQUIPMENT

SPM621713 SENNEBOGEN 835M 835.0.2811 - REAR DIFFERENTIAL



Sample No: VCP407988
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621713



SAMPLE INFORMATION

Sample Number	VCP407988	VCP422591	VCP383365	VCP366899
Sample Date	18 Oct 2023	04 May 2023	01 Mar 2023	16 Aug 2022
Machine Hours	5187	4011	3580	2155
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
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 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	197	201	129	184
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CONTAMINATION

Silicon	ppm	19	17	1	4
Sodium	ppm	2	2	0	5
Potassium	ppm	0	0	1	<1

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	44	50	2	117
Copper	ppm	24	24	1	71
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	<1	1	2
Chromium	ppm	0	0	0	1
Molybdenum	ppm	<1	<1	3	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2213	1865	105	89
Magnesium	ppm	30	14	48	3
Zinc	ppm	1053	1031	101	81
Phosphorus	ppm	868	821	941	1059
Barium	ppm	17	9	0	337
Boron	ppm	4	4	207	4

Depot: VOLVO8885
Unique No: 10738428
Signed: Don Baldrige
Report Date: 14 Nov 2023



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VOLVO GRAPHS

