



CONSTRUCTION EQUIPMENT

SPM702318 SENNEBOGEN 835ME 835.0.2859 - LEFT SWING DRIVE



Sample No: VCP446090
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702318



SAMPLE INFORMATION

Sample Number	VCP446090	VCP415080	VCP423160	VCP404162
Sample Date	24 Apr 2024	28 Sep 2023	13 Jun 2023	06 Apr 2023
Machine Hours	6712	5054	4333	3781
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	150	192	194	196
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	24	26	20
Sodium	ppm	2	0	<1	1
Potassium	ppm	0	2	0	0



WEAR METALS

Iron	ppm	58	41	34	220
Copper	ppm	92	133	87	258
Lead	ppm	0	0	0	0
Tin	ppm	5	11	5	24
Aluminum	ppm	0	0	<1	1
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	0	4	3	2
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	255	3045	3010	2976
Magnesium	ppm	6	67	74	36
Zinc	ppm	91	1071	1076	998
Phosphorus	ppm	490	893	887	878
Barium	ppm	0	<1	<1	0
Boron	ppm	0	5	3	7

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.

Depot: SIMCHIL
Unique No: 11030484
Signed: Wes Davis
Report Date: 15 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

