



CONSTRUCTION EQUIPMENT

SPM580216 SENNEBOGEN 835ME 835.0.2733 - RIGHT SWING DRIVE



Sample No: VCP423157

Oil Type: SHELL 220

Job No: SPM580216



SAMPLE INFORMATION

Sample Number	VCP423157	VCP382559	VCP343315	VCP05547455
Sample Date	18 Jul 2023	24 Apr 2023	23 Aug 2022	05 May 2022
Machine Hours	6795	6276	4781	4189
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	NORMAL	ABNORMAL	ABNORMAL

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608

Contact: RYAN WISE
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OIL CONDITION

Visc @ 40°C	cSt	201	207	204	209
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CONTAMINATION

Water	%	0.261	---	---	---
Silicon	ppm	19	17	22	23
Sodium	ppm	<1	1	0	<1
Potassium	ppm	0	0	1	0

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	114	107	192	179
Copper	ppm	276	149	306	243
Lead	ppm	0	0	0	0
Tin	ppm	14	8	16	12
Aluminum	ppm	2	1	2	2
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	2	1	1	1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	1	1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2253	1940	1847	2126
Magnesium	ppm	22	16	10	10
Zinc	ppm	1143	1047	875	898
Phosphorus	ppm	853	783	694	797
Barium	ppm	2	0	0	0
Boron	ppm	4	4	7	9

Depot: SIMCHIL
Unique No: 10574660
Signed: Jonathan Hester
Report Date: 31 Jul 2023



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GRAPHS

