



CONSTRUCTION EQUIPMENT

SPM688847 SENNEBOGEN 835ME 835.0.2078 - LEFT SWING DRIVE



Sample No: VCP425252
Oil Type: MOBIL SHC 630
Job No: SPM688847



SAMPLE INFORMATION

Sample Number	VCP425252	VCP425324	VCP418593	VCP388582
Sample Date	01 Apr 2024	12 Oct 2023	19 May 2023	02 Mar 2023
Machine Hours	20857	19841	19056	18536
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL

SIMS METAL MANAGEMENT

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

OIL CONDITION

Visc @ 40°C	cSt	135	203	201	204
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CONTAMINATION

Water	%	NEG	NEG	NEG	0.126
Silicon	ppm	1	25	23	27
Sodium	ppm	2	0	<1	<1
Potassium	ppm	0	0	0	<1

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

WEAR METALS

Iron	ppm	23	205	140	247
Copper	ppm	4	164	114	144
Lead	ppm	0	0	<1	2
Tin	ppm	<1	8	10	12
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	2	<1	2
Molybdenum	ppm	<1	0	1	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	2	1	3
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	236	565	2079	1944
Magnesium	ppm	10	11	21	19
Zinc	ppm	95	283	890	838
Phosphorus	ppm	1053	582	752	751
Barium	ppm	0	0	0	0
Boron	ppm	205	0	7	10

Depot: SIMCHIL
Unique No: 10990245
Signed: Don Baldrige
Report Date: 23 Apr 2024



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VOLVO GRAPHS

