



CONSTRUCTION EQUIPMENT

SPM701405 SENNEBOGEN 835ME 835.0.2718 - FRONT RIGHT FINAL DRIVE



Sample No: VCP426452
Oil Type: GEAR OIL SAE 80W90
Job No: SPM701405



SAMPLE INFORMATION

Sample Number	VCP426452	VCP433386	VCP415011	VCP423388
Sample Date	12 Apr 2024	07 Dec 2023	12 Sep 2023	25 May 2023
Machine Hours	9760	8880	8383	7855
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	MARGINAL	ABNORMAL	NORMAL	ABNORMAL

BELSON STEEL

1685 N STATE RTE 50
BOURBONNAIS, IL
US 60914

Contact: M. POZAN
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F:



OIL CONDITION

Visc @ 40°C	cSt	137	139	160	134
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	11	6
Sodium	ppm	0	1	11	<1
Potassium	ppm	0	1	4	<1

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level has decreased, but is still abnormal. 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	31	53	183	34
Copper	ppm	▲ 105	▲ 232	<1	▲ 125
Lead	ppm	0	2	0	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	7	3	4
Chromium	ppm	0	0	6	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	6	6	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	31	64	31	976
Magnesium	ppm	3	2	2	13
Zinc	ppm	42	95	8	508
Phosphorus	ppm	478	546	287	1557
Barium	ppm	0	0	0	0
Boron	ppm	6	16	0	113

Depot: BELBOU
Unique No: 10996153
Signed: Jonathan Hester
Report Date: 30 Apr 2024



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VOLVO GRAPHS

