

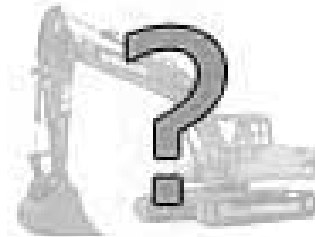


CONSTRUCTION EQUIPMENT

SPM688428 SENNEBOGEN 835M 835.0.3000 - REAR AXLE



Sample No: VCP427239
Oil Type: GEAR OIL SAE 80W90
Job No: SPM688428



SAMPLE INFORMATION

Sample Number	VCP427239	VCP428992	VCP407613	VCP399745
Sample Date	22 Mar 2024	26 Oct 2023	25 May 2023	21 Mar 2023
Machine Hours	4647	4088	3007	2502
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BELSON STEEL
 1685 N STATE RTE 50
 BOURBONNAIS, IL
 US 60914
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 F:



OIL CONDITION

Visc @ 40°C	cSt	137	148	192	194
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	19	23
Sodium	ppm	2	<1	1	<1
Potassium	ppm	1	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	77	38	33
Copper	ppm	6	9	10	9
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	0	0	1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	0	1	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	30	121	2111	2353
Magnesium	ppm	2	0	30	29
Zinc	ppm	6	57	953	1021
Phosphorus	ppm	461	445	864	987
Barium	ppm	0	0	17	34
Boron	ppm	0	0	<1	<1

Depot: BELBOU
Unique No: 10990257
Signed: Don Baldrige
Report Date: 23 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

