



CONSTRUCTION EQUIPMENT

SPM702170 ALTER S SENNEBOGEN 840E 840.0.2195 - FRONT LEFT FINAL DRIVE



Sample No: VCP367133
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702170 ALTER S



SAMPLE INFORMATION

Sample Number	VCP367133	VCP433824	VCP387192	VCP351986
Sample Date	16 Apr 2024	17 Nov 2023	04 Apr 2023	30 Dec 2021
Machine Hours	11148	10000	8847	5443
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
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 F:



OIL CONDITION

Visc @ 40°C	cSt	141	143	150	154
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	5	2
Sodium	ppm	1	2	0	0
Potassium	ppm	1	2	<1	0

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	19	20	23	2
Copper	ppm	1	1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	0	0	<1
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	29	4	14	<1
Magnesium	ppm	2	0	<1	0
Zinc	ppm	15	3	20	6
Phosphorus	ppm	738	1116	2125	1922
Barium	ppm	1	0	0	0
Boron	ppm	30	63	118	187

Depot: VOLVO8885
Unique No: 11004021
Signed: Wes Davis
Report Date: 30 Apr 2024



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GRAPHS

