



CONSTRUCTION EQUIPMENT

SPM702148 ALTER S SENNEBOGEN 840E 840.0.2195 - REAR AXLE



Sample No: VCP367135
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702148 ALTER S



SAMPLE INFORMATION

Sample Number	VCP367135	VCP433822	VCP399541	VCP351987
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
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US 46406
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F:



OIL CONDITION

Visc @ 40°C	cSt	143	145	148	150
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	4	2
Sodium	ppm	<1	2	0	0
Potassium	ppm	1	3	<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	4	3	4	5
Copper	ppm	1	2	<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	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	11	41	0	47
Magnesium	ppm	2	0	<1	0
Zinc	ppm	8	22	1	29
Phosphorus	ppm	656	1930	2181	1909
Barium	ppm	1	0	0	0
Boron	ppm	24	158	163	186

Depot: VOLVO8885
Unique No: 11004020
Signed: Wes Davis
Report Date: 30 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

