



CONSTRUCTION EQUIPMENT

SPM702207 ALTER ROCK SENNEBOGEN 835 835.0.2740 - REAR RIGHT FINAL DRIVE



Sample No: VCP437375
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702207 ALTER ROCK



SAMPLE INFORMATION

Sample Number	VCP437375	VCP423197	VCP299478	VCP325138
Sample Date	25 Apr 2024	11 Aug 2023	16 Jul 2021	16 Jul 2021
Machine Hours	8101	6443	1956	1956
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
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F:



OIL CONDITION

Visc @ 40°C	cSt	184	149	119	142
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	2	2
Sodium	ppm	2	0	<1	<1
Potassium	ppm	1	0	0	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	68	49	35	34
Copper	ppm	16	23	4	25
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	0	<1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	91	17	12	25
Magnesium	ppm	1	1	<1	1
Zinc	ppm	34	27	7	37
Phosphorus	ppm	1212	1789	909	1836
Barium	ppm	362	0	0	2
Boron	ppm	6	116	160	138

Depot: VOLVO8885
Unique No: 11017786
Signed: Wes Davis
Report Date: 08 May 2024



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GRAPHS

