



CONSTRUCTION EQUIPMENT

SPM702207 ALTER ROCK SENNEBOGEN 835 835.0.2740 - FRONT LEFT FINAL DRIVE



Sample No: VCP407630
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702207 ALTER ROCK



SAMPLE INFORMATION

Sample Number	VCP407630	VCP433695	VCP387175	VCP423201
Sample Date	25 Apr 2024	25 Apr 2024	02 Feb 2024	11 Aug 2023
Machine Hours	8101	8101	7536	6443
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
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 US 46406
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OIL CONDITION

Visc @ 40°C	cSt	182	189	139	147
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	5	3
Sodium	ppm	2	10	<1	<1
Potassium	ppm	1	2	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	79	218	247	222
Copper	ppm	17	▲ 79	30	53
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	3	<1	1
Chromium	ppm	<1	2	0	<1
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	9	3	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	12	24	38	4
Magnesium	ppm	1	2	<1	1
Zinc	ppm	11	60	39	50
Phosphorus	ppm	1246	1226	723	1877
Barium	ppm	370	315	0	3
Boron	ppm	3	2	34	142

Depot: VOLVO8885
Unique No: 11017784
Signed: Wes Davis
Report Date: 08 May 2024



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VOLVO GRAPHS

