



CONSTRUCTION EQUIPMENT

SPM702207 ALTER ROCK SENNEBOGEN 835 835.0.2740 - FRONT RIGHT FINAL DRIVE



Sample No: VCP437374
Oil Type: GEAR OIL SAE 80W90
Job No: SPM702207 ALTER ROCK



SAMPLE INFORMATION

Sample Number	VCP437374	VCP387394	VCP423200	VCP325137
Sample Date	25 Apr 2024	02 Feb 2024	11 Aug 2023	16 Jul 2021
Machine Hours	8101	7536	6443	1956
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	SEVERE	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: MARK DEROSA
mark.derosa@altg.com
T: (248)356-5200
F:



OIL CONDITION

Visc @ 40°C	cSt	186	139	148	149
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	5	3	3
Sodium	ppm	9	<1	<1	4
Potassium	ppm	2	0	0	0



WEAR METALS

Iron	ppm	166	259	164	201
Copper	ppm	159	6	9	31
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	6	0	0	2
Chromium	ppm	2	<1	<1	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	12	3	2	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	23	39	8	25
Magnesium	ppm	2	<1	2	2
Zinc	ppm	111	25	22	44
Phosphorus	ppm	1178	733	1897	1359
Barium	ppm	292	<1	2	49
Boron	ppm	2	34	140	74

Diagnosis

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. High concentration of visible yellow metal present. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 11017750
Signed: Don Baldrige
Report Date: 09 May 2024



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VOLVO GRAPHS

