



# CONSTRUCTION EQUIPMENT

SPM702207 ALTER ROCK SENNEBOGEN 835 835.0.2740 - RIGHT SWING DRIVE



**Sample No:** VCP437372  
**Oil Type:** GEAR OIL ISO 220  
**Job No:** SPM702207 ALTER ROCK



## SAMPLE INFORMATION

Sample Number	<b>VCP437372</b>	VCP398817	VCP423496	VCP325136
Sample Date	<b>25 Apr 2024</b>	02 Feb 2024	11 Aug 2023	16 Jul 2021
Machine Hours	<b>8101</b>	7536	6443	1956
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changed</b>	Changed	Changed	Changed
Sample Status	<b>ABNORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

**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	<b>204</b>	226	228	225
-------------	-----	------------	-----	-----	-----



## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	27	17	5
Sodium	ppm	<b>1</b>	0	0	<1
Potassium	ppm	<b>2</b>	0	0	0

## Diagnosis

No corrective action is recommended at this time. Gear 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.



## WEAR METALS

Iron	ppm	<b>432</b>	371	428	508
Copper	ppm	<b>38</b>	117	72	49
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>4</b>	5	11	6
Aluminum	ppm	<b>2</b>	0	0	1
Chromium	ppm	<b>2</b>	2	3	2
Molybdenum	ppm	<b>&lt;1</b>	0	0	<1
Nickel	ppm	<b>&lt;1</b>	0	<1	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>5</b>	3	4	5
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>7</b>	100	5	12
Magnesium	ppm	<b>&lt;1</b>	0	2	0
Zinc	ppm	<b>43</b>	67	53	90
Phosphorus	ppm	<b>398</b>	465	406	393
Barium	ppm	<b>5</b>	0	0	0
Boron	ppm	<b>21</b>	7	4	25

**Depot:** VOLVO8885  
**Unique No:** 11017781  
**Signed:** Don Baldrige  
**Report Date:** 09 May 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

