



CONSTRUCTION EQUIPMENT

SPM661642 ALTER SENNEBOGEN 835 835.0.2740 - REAR LEFT FINAL DRIVE



Sample No: VCP387233
Oil Type: GEAR OIL SAE 80W90
Job No: SPM661642 ALTER



SAMPLE INFORMATION

Sample Number	VCP387233	VCP384571	VCP423493	VCP324578
Sample Date	02 Feb 2024	02 Feb 2024	11 Aug 2023	16 Jul 2021
Machine Hours	7536	7536	6443	1956
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	137	137	149	140
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	6	3	2
Sodium	ppm	0	0	0	<1
Potassium	ppm	0	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	111	105	52	36
Copper	ppm	11	9	24	28
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	41	81	18	24
Magnesium	ppm	<1	2	2	1
Zinc	ppm	24	42	28	38
Phosphorus	ppm	527	522	1868	1817
Barium	ppm	0	0	0	<1
Boron	ppm	8	7	118	143

Depot: VOLVO8885
Unique No: 10873757
Signed: Wes Davis
Report Date: 13 Feb 2024



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GRAPHS

