



CONSTRUCTION EQUIPMENT

SPM594467 ALTER RKFD SENNEBOGEN 840 840.0.2192 - REAR RIGHT FINAL DRIVE



Sample No: VCP409181
Oil Type: GEAR OIL SAE 80W90
Job No: SPM594467 ALTER RKFD



SAMPLE INFORMATION

Sample Number	VCP409181	VCP399524	VCP301677	---
Sample Date	15 Aug 2023	30 Mar 2023	01 Feb 2021	---
Machine Hours	12681	11146	3486	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA CONSTRUCTION EQUIPMENT
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F:



OIL CONDITION

Visc @ 40°C	cSt	147	180	142	---
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CONTAMINATION

Silicon	ppm	4	13	2	---
Sodium	ppm	2	1	<1	---
Potassium	ppm	2	<1	2	---

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	10	4	123	---
Copper	ppm	2	<1	3	---
Lead	ppm	0	0	2	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	0	<1	1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	386	2511	12	---
Magnesium	ppm	4	13	1	---
Zinc	ppm	156	1092	7	---
Phosphorus	ppm	761	1282	548	---
Barium	ppm	<1	0	2	---
Boron	ppm	29	36	1	---

Depot: VOLVO5055
Unique No: 10634535
Signed: Don Baldrige
Report Date: 08 Sep 2023



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VOLVO GRAPHS

