



CONSTRUCTION EQUIPMENT

SPM594991 SCORIA IRO SENNEBOGEN 860 860.0.1028 - REAR LEFT FINAL DRIVE



Sample No: VCP415442
Oil Type: GEAR OIL SAE 80W90
Job No: SPM594991 SCORIA IRO



SAMPLE INFORMATION

Sample Number	VCP415442	VCP423394	VCP398500	---
Sample Date	25 Aug 2023	01 Jun 2023	08 Feb 2023	---
Machine Hours	21409	12246	20295	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	ATTENTION	ABNORMAL	---

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5000 INDUSTRIAL HWY
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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 136	▲ 206	■ 136	---
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CONTAMINATION

Silicon	ppm	■ 1	■ 25	■ 1	---
Sodium	ppm	■ 0	■ <1	■ 0	---
Potassium	ppm	■ <1	■ 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	■ 22	■ 17	■ 22	---
Copper	ppm	■ 5	■ 0	■ 5	---
Lead	ppm	■ 0	■ 0	■ 0	---
Tin	ppm	■ 0	■ <1	■ 0	---
Aluminum	ppm	■ 0	■ <1	■ 0	---
Chromium	ppm	■ 0	■ <1	■ 0	---
Molybdenum	ppm	■ <1	■ 2	■ <1	---
Nickel	ppm	■ 0	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	■ <1	■ <1	■ <1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	■ 43	▲ 3087	▲ 7	---
Magnesium	ppm	■ 1	■ 51	■ 0	---
Zinc	ppm	■ 20	▲ 1146	▲ 0	---
Phosphorus	ppm	■ 375	■ 902	▲ 371	---
Barium	ppm	■ 2	■ 0	■ 0	---
Boron	ppm	■ 20	■ 3	■ 21	---

Depot: VOLVO8885
Unique No: 10633254
Signed: Wes Davis
Report Date: 06 Sep 2023



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VOLVO GRAPHS

