



CONSTRUCTION EQUIPMENT

595067 SENNEBOGEN 840 840.0.2244 - REAR RIGHT FINAL DRIVE



Sample No: VCP416998
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 595067



SAMPLE INFORMATION

Sample Number	VCP416998	VCP396830	VCP338852	VCP328510
Sample Date	01 Sep 2023	13 Jan 2023	06 May 2022	18 Oct 2021
Machine Hours	6206	4555	2545	1244
Oil Hours	1206	1000	0	1244
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE
 DETROIT, MI
 US 48207

Contact: KEITH HALL
 keith.hall@fpt1.com

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OIL CONDITION

Visc @ 40°C	cSt	138	147	135	184
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CONTAMINATION

Silicon	ppm	2	4	2	4
Sodium	ppm	2	<1	0	5
Potassium	ppm	1	2	1	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	7	16	15	34
Copper	ppm	2	5	7	11
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	0	<1	1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	2	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	38	12	70	14
Magnesium	ppm	9	1	14	1
Zinc	ppm	39	0	52	14
Phosphorus	ppm	887	1786	1028	1100
Barium	ppm	0	0	31	342
Boron	ppm	90	120	179	32

Depot: FERDET
Unique No: 10645536
Signed: Wes Davis
Report Date: 14 Sep 2023



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GRAPHS

