



CONSTRUCTION EQUIPMENT

595067 SENNEBOGEN 840 840.0.2244 - REAR AXLE



Sample No: VCP416964
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 595067



SAMPLE INFORMATION

Sample Number	VCP416964	VCP395516	VCP338844	VCP328494
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	143	146	135	184
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CONTAMINATION

Silicon	ppm	2	4	2	4
Sodium	ppm	2	<1	0	5
Potassium	ppm	1	1	1	0



WEAR METALS

Iron	ppm	7	18	12	31
Copper	ppm	2	6	5	10
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	<1	0
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	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	38	8	70	11
Magnesium	ppm	8	<1	14	<1
Zinc	ppm	40	0	51	12
Phosphorus	ppm	894	1888	1017	1115
Barium	ppm	0	0	31	352
Boron	ppm	89	127	171	31

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.

Depot: FERDET
Unique No: 10645535
Signed: Wes Davis
Report Date: 14 Sep 2023



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GRAPHS

