



CONSTRUCTION EQUIPMENT

AMG SENNEBOGEN 835 835.0.2547 - HYDRAULIC SYSTEM



Sample No: VCP422149
Oil Type: SENNEBOGEN HO 46
Job No: AMG



SAMPLE INFORMATION

Sample Number	VCP422149	VCP411557	---	---
Sample Date	15 Sep 2023	07 Jul 2023	---	---
Machine Hours	10840	10362	---	---
Oil Hours	1500	1500	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	SEVERE	---	---

GREEN MACHINE SERVICES LLC

13 SPYROS DRIVE
 SOUTH AMBOY, NJ
 US 08879

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 JOE@GREENMSRV.COM

T: (732)673-5920

F:



OIL CONDITION

Visc @ 40°C	cSt	43.3	43.3	---	---
Acid Number (AN)	mg KOH/g	0.47	0.49	---	---



CONTAMINATION

Particles >4µm		2175	37984	---	---
Particles >6µm		654	10392	---	---
Particles >14µm		50	587	---	---
ISO 4406:1999 (c)		18/17/13	22/21/16	---	---
Silicon	ppm	2	3	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	<1	<1	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	10	10	---	---
Copper	ppm	4	4	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	5	4	---	---
Molybdenum	ppm	1	1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	217	240	---	---
Magnesium	ppm	14	12	---	---
Zinc	ppm	479	475	---	---
Phosphorus	ppm	362	367	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: GRESOUNJ

Unique No: 10675429

Signed: Wes Davis

Report Date: 05 Oct 2023

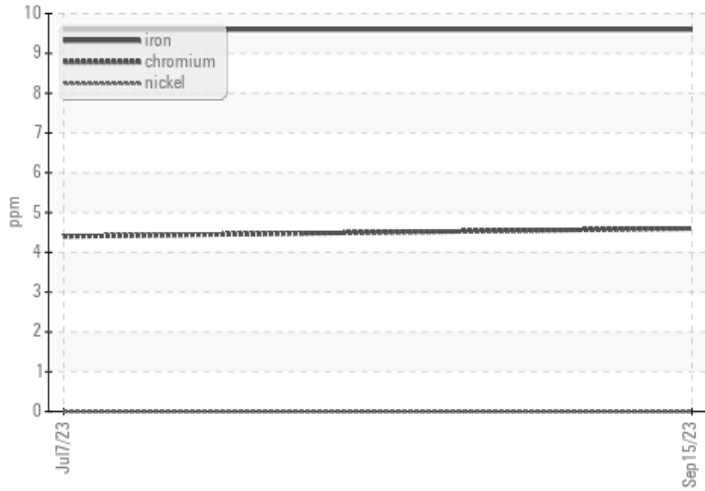


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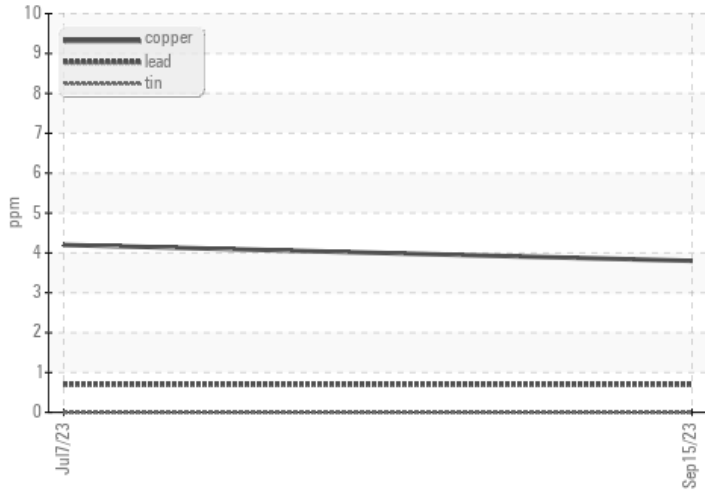


VOLVO GRAPHS

Ferrous Alloys



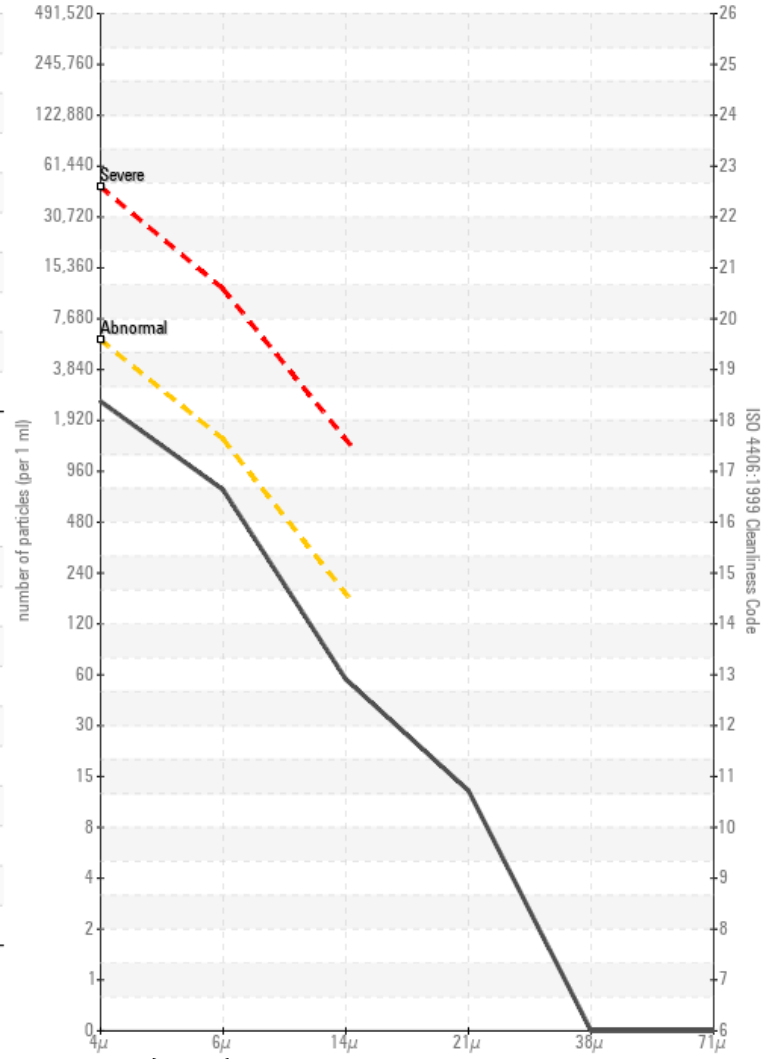
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

