



SENNEBOGEN 830E MS17 - Rear Left Wheel Hub

Sample No: LH0244779

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0244779	LHMC103197	LHMC102592	LHMC102604
Sample Date	11 Dec 2023	05 May 2023	20 Feb 2023	20 Oct 2022
Machine Hours	7567	6853	5898	0
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

OSCAR WINSKI CO. INC

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OIL CONDITION

Visc @ 40°C	cSt	139	145	142	137
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	<1	2	2
Sodium	ppm	1	0	1	0
Potassium	ppm	0	<1	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	53	30	85	105
Copper	ppm	<1	<1	4	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	<1	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	91	28	60	87
Magnesium	ppm	<1	1	2	0
Zinc	ppm	23	<1	10	51
Phosphorus	ppm	377	312	390	979
Barium	ppm	0	0	0	0
Boron	ppm	65	11	28	268

Depot: OSCLAF

Unique No: 10807067

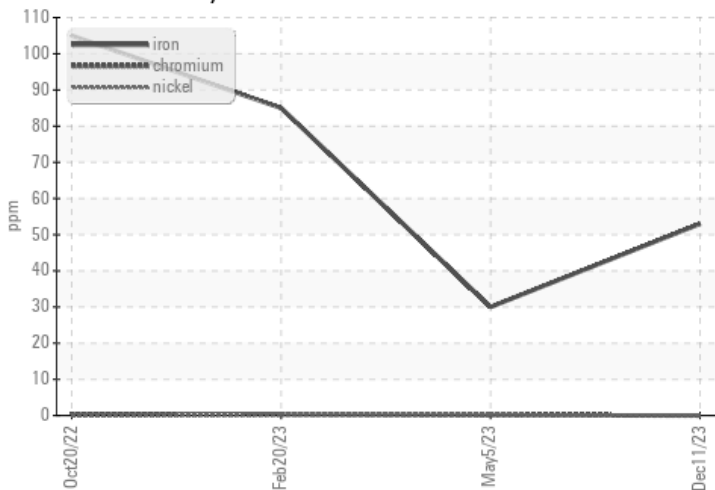
Signed: Jonathan Hester

Report Date: 29 Dec 2023

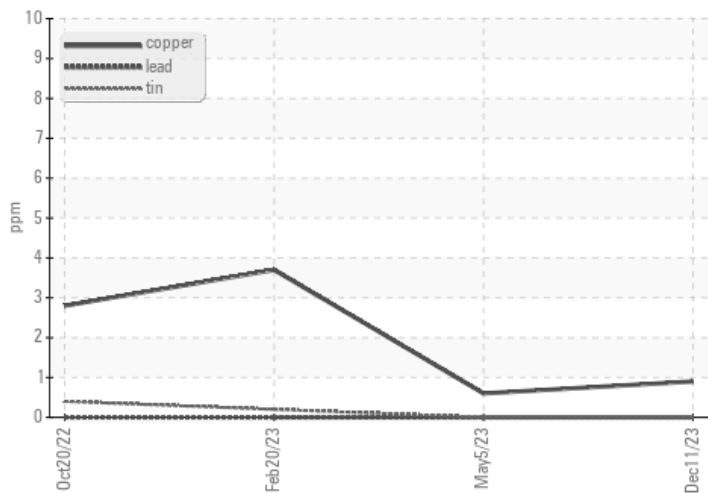


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

