



SENNEBOGEN 830E MS17 - Front Left Wheel Hub

Sample No: LHMC103185

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LHMC103185	LHMC103743	LHMC102597	---
Sample Date	05 May 2023	20 Feb 2023	20 Oct 2022	---
Machine Hours	6853	5898	0	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

OSCAR WINSKI CO. INC

2407 N. 9TH STREET

LAFAYETTE, IN

US 47904

Contact: JAYSON FRAZIER

frazierj@oscarwinski.com

T: (765)376-1230

F: x:



OIL CONDITION

Visc @ 40°C	cSt	140	139	137	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	1	---
Sodium	ppm	3	4	3	---
Potassium	ppm	<1	<1	0	---



WEAR METALS

Iron	ppm	59	69	34	---
Copper	ppm	3	2	4	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	104	118	208	---
Magnesium	ppm	1	2	<1	---
Zinc	ppm	24	34	59	---
Phosphorus	ppm	561	665	1007	---
Barium	ppm	0	<1	0	---
Boron	ppm	101	108	239	---

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: OSCLAF

Unique No: 10472412

Signed: Jonathan Hester

Report Date: 18 May 2023



GRAPHS

