



SENNEBOGEN 830E MS17 - Rear Left Wheel Hub

Sample No: LHMC103197

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LHMC103197	LHMC102592	LHMC102604	---
Sample Date	05 May 2023	20 Feb 2023	20 Oct 2022	---
Machine Hours	6853	5898	0	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Not Changd	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	145	142	137	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

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

Depot: OSCLAF
 Unique No: 10472414
 Signed: Jonathan Hester
 Report Date: 18 May 2023



GRAPHS

