

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 146587-1250 - Front Left Wheel Hub

Sample No: LH0279510
 Oil Type: NOT GIVEN



CONTENEUR ROSE INC.
 89 RUE MORANE
 LAVAL, QC
 CA H7M 1R5
 Contact: Service Manager

T:
 F:



SAMPLE INFORMATION

Sample Number	LH0279510	LH	---	---
Sample Date	05 Dec 2023	28 Aug 2023	---	---
Machine Hours	1259	574	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	144	64.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	6	---	---
Sodium	ppm	7	18	---	---
Potassium	ppm	<1	<1	---	---

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	43	40	---	---
Copper	ppm	10	20	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	516	3336	---	---
Magnesium	ppm	2	9	---	---
Zinc	ppm	264	1404	---	---
Phosphorus	ppm	1796	1205	---	---
Barium	ppm	1	2	---	---
Boron	ppm	13	101	---	---

Depot: CON89LAV
 Unique No: 5695061
 Signed: Kevin Marson
 Report Date: 11 Dec 2023



GRAPHS

