



LIEBHERR LH30M 153712-1253 - Front Right Wheel Hub

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



Innovation Industrielle Boivin Inc.
2205 de la Fonderie
Chicoutimi, QC
CA G7H 8B9
Contact: Service Manager

T:
F:



Information sur l'échantillon

Numéro d'échant.	LH	LH	---	---
Date d'échant.	30 Apr 2024	14 Dec 2023	---	---
Heures de la Machine	1001	500	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	ABNORMAL	ABNORMAL	---	---



État d'huile

Visc 40°C	cSt	130	64.2	---	---
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Contamination

Eau	%	NEG	NEG	---	---
Silicium	ppm	7	4	---	---
Sodium	ppm	10	18	---	---
Potassium	ppm	<1	7	---	---



Métaux d'usure

Fer	ppm	72	41	---	---
Cuivre	ppm	8	9	---	---
Plomb	ppm	0	<1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	<1	<1	---	---
Chrome	ppm	1	<1	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	<1	---	---
Manganèse	ppm	2	<1	---	---
Vanadium	ppm	0	0	---	---



Additifs

Calcium	ppm	1016	3639	---	---
Magnésium	ppm	4	9	---	---
Zinc	ppm	453	1430	---	---
Phosphore	ppm	1898	1125	---	---
Baryum	ppm	<1	1	---	---
Bore	ppm	24	105	---	---

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Depot: INN220CHI
Unique No: 5774405
Signed: Kevin Marson
Report Date: 03 May 2024

Submitted By: Marie-Eve Belley



Graphs

