

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A922134416-1509 - Front Left Wheel Hub

Sample No: LH0247006

Oil Type: LIEBHERR GEAR BASIC 90 LS



ACCURATE RAILROAD CONSTRUCTION LTD
130 HEALEY RD. 8
CALEDON-BOLTON, ON
CA L7E 5B3
Contact: Service Manager



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0247006	LH0256866	---	---
Date d'échant.	28 Jul 2023	10 Mar 2023	---	---
Heures de la Machine	1194	730	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---



ÉTAT D'HUILE

Visc 40°C	cSt	121	174	---	---
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CONTAMINATION

Silicium	ppm	3	6	---	---
Sodium	ppm	7	12	---	---
Potassium	ppm	2	2	---	---



MÉTAUX D'USURE

Fer	ppm	75	206	---	---
Cuivre	ppm	28	54	---	---
Plomb	ppm	<1	2	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	2	4	---	---
Chrome	ppm	<1	2	---	---
Molybdène	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titane	ppm	0	<1	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	2	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	22	18	---	---
Magnésium	ppm	11	4	---	---
Zinc	ppm	54	88	---	---
Phosphore	ppm	1249	1237	---	---
Baryum	ppm	98	276	---	---
Bore	ppm	191	18	---	---

T:
F:

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. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: ACC130CAL
Unique No: 5630835
Signed: Kevin Marson
Report Date: 24 Aug 2023



GRAPHS

