

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 117 616-1216 - Front Left Wheel Hub

Sample No: LH0278605

Oil Type: SAE 80W90



LIEBHERR CANADA LTD.
1015 SUTTON DRIVE
BURLINGTON, ON
CA L7L 5Z8
Contact: Steve Lehto
steve.lehto@liebherr.com
T: (905)319-9222
F: (905)319-6617



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0278605	LH0277426	LH0265697	LH0257033
Date d'échant.	08 Feb 2024	05 Nov 2023	11 Jun 2023	12 Apr 2023
Heures de la Machine	14242	14022	12865	12345
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	100	97.9	97.9	92.3



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	<1	<1	2	1
Sodium	ppm	2	2	1	1
Potassium	ppm	2	0	<1	0



MÉTAUX D'USURE

Fer	ppm	10	17	17	17
Cuivre	ppm	9	22	16	13
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	11	14	11	19
Magnésium	ppm	1	1	2	2
Zinc	ppm	30	45	45	65
Phosphore	ppm	1003	1240	1351	1293
Baryum	ppm	0	<1	0	0
Bore	ppm	240	302	295	287

Diagnostic

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 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
Unique No: 5723860
Signed: Kevin Marson
Report Date: 13 Feb 2024



GRAPHS

