

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M 110922-1218 - Rear Right Wheel Hub

Sample No: LH0256385

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



ARCELORMITTAL LONG PRODUITS CANADA  
3185 ROUTE MARIE-VICTORIN  
CONTRECOEUR, QC  
CA J0L 1C0  
Contact: Danny Drouin  
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T:  
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#### SAMPLE INFORMATION

Sample Number	LH0256385	LH	LH0242928	LH0235247
Sample Date	27 Jul 2023	28 Apr 2023	31 Dec 2022	12 Oct 2022
Machine Hours	17285	15958	15015	14681
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	105	106	108	106
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#### CONTAMINATION

Silicon	ppm	5	3	3	2
Sodium	ppm	5	3	2	3
Potassium	ppm	1	<1	1	<1



#### WEAR METALS

Iron	ppm	71	26	14	26
Copper	ppm	4	2	<1	3
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	2	1	<1	<1
Vanadium	ppm	0	<1	0	0



#### ADDITIVES

Calcium	ppm	14	19	11	27
Magnesium	ppm	2	<1	<1	2
Zinc	ppm	20	16	12	21
Phosphorus	ppm	1509	1474	1479	1419
Barium	ppm	0	0	0	0
Boron	ppm	255	258	264	257

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: MITCON  
Unique No: 5620244  
Signed: Wes Davis  
Report Date: 10 Aug 2023

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### GRAPHS

