

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M 060802-1205 - Rear Right Wheel Hub

Sample No: LH

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



ARCELORMITTAL LONG PRODUITS CANADA  
3185 ROUTE MARIE-VICTORIN  
CONTRECOEUR, QC  
CA J0L 1C0  
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#### SAMPLE INFORMATION

Sample Number	LH	LH0256388	LH0242844	LH0235261
Sample Date	24 Jul 2023	27 Apr 2023	08 Jan 2023	02 Oct 2022
Machine Hours	15000	14708	14123	13515
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	107	108



#### CONTAMINATION

Element	ppm	2	2	3	4
Silicon	ppm	2	2	3	4
Sodium	ppm	2	<1	2	2
Potassium	ppm	<1	<1	<1	<1



#### WEAR METALS

Element	ppm	6	4	8	6
Iron	ppm	6	4	8	6
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Element	ppm	6	4	26	26
Calcium	ppm	6	4	26	26
Magnesium	ppm	<1	0	2	1
Zinc	ppm	8	6	13	11
Phosphorus	ppm	1487	1525	1456	1411
Barium	ppm	0	0	0	0
Boron	ppm	273	282	285	277

#### 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: 5617060  
Signed: Wes Davis  
Report Date: 25 Jul 2023



### GRAPHS

