

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M 110922-1218 - Rear Differential

Sample No: LH0177716

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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#### SAMPLE INFORMATION

Sample Number	LH0177716	LH0238753	LH	LH0242924
Sample Date	06 Sep 2023	29 Jul 2023	28 Apr 2023	31 Dec 2022
Machine Hours	17873	17285	15958	15015
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	106	105	106	107
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#### CONTAMINATION

Silicon	ppm	3	4	3	2
Sodium	ppm	2	4	3	1
Potassium	ppm	<1	<1	<1	0



#### WEAR METALS

Iron	ppm	22	73	23	11
Copper	ppm	2	5	2	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	<1	2	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	9	14	17	14
Magnesium	ppm	2	2	1	<1
Zinc	ppm	11	18	18	11
Phosphorus	ppm	1371	1496	1481	1455
Barium	ppm	0	0	0	0
Boron	ppm	253	255	253	291

#### 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: 5642082  
Signed: Wes Davis  
Report Date: 07 Sep 2023



### GRAPHS

