

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M 120282-1218 - Rear Left Wheel Hub

Sample No: LH0261218

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



ARCELORMITTAL LONG PRODUITS CANADA  
3185 ROUTE MARIE-VICTORIN  
CONTRECOEUR, QC  
CA J0L 1C0  
Contact: Danny Drouin  
danny.drouin@arcelormittal.com  
T:  
F:



#### SAMPLE INFORMATION

Sample Number	<b>LH0261218</b>	LH0256426	LH0242891	LH0242987
Sample Date	<b>01 Jul 2023</b>	13 May 2023	12 Mar 2023	04 Jan 2023
Machine Hours	<b>11397</b>	10974	10316	9289
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	<b>104</b>	105	106	107
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#### CONTAMINATION

Silicon	ppm	<b>4</b>	3	3	2
Sodium	ppm	<b>3</b>	<1	<1	<1
Potassium	ppm	<b>1</b>	0	0	0



#### WEAR METALS

Iron	ppm	<b>19</b>	5	8	3
Copper	ppm	<b>2</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	0	<1	<1
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	0	0	0
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	0	<1	0
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>7</b>	2	7	6
Magnesium	ppm	<b>2</b>	0	<1	<1
Zinc	ppm	<b>12</b>	6	12	11
Phosphorus	ppm	<b>1478</b>	1518	1503	1477
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>259</b>	274	291	304

#### 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: 5606520  
Signed: Wes Davis  
Report Date: 12 Jul 2023



### GRAPHS

