

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M 122402-1218 - Front Left Wheel Hub

Sample No: LH0256417

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	LH0256417	LH0225336	LH0242961	LH0242865
Sample Date	19 Aug 2023	17 Jun 2023	23 May 2023	04 Feb 2023
Machine Hours	8585	7934	8121	7301
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	104	102	103	106
-------------	-----	-----	-----	-----	-----



#### CONTAMINATION

Silicon	ppm	3	7	3	2
Sodium	ppm	2	<1	<1	<1
Potassium	ppm	<1	<1	<1	<1



#### WEAR METALS

Iron	ppm	19	43	21	14
Copper	ppm	<1	6	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	<1	0
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	10	14	10	18
Magnesium	ppm	2	3	<1	<1
Zinc	ppm	10	14	8	8
Phosphorus	ppm	1442	1488	1522	1488
Barium	ppm	0	<1	0	0
Boron	ppm	276	271	292	290

#### 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: 5631302  
Signed: Wes Davis  
Report Date: 24 Aug 2023



### GRAPHS

