

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0279423

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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

Sample Number	LH0279423	LH0274201	LH0256416	LH0225337
Sample Date	23 Dec 2023	21 Oct 2023	19 Aug 2023	17 Jun 2023
Machine Hours	9463	8989	8585	7934
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	103	103	103



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	12	12	4
Sodium	ppm	8	13	12	<1
Potassium	ppm	2	2	2	<1



#### WEAR METALS

Iron	ppm	62	199	142	25
Copper	ppm	1	3	2	14
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	3	2	<1
Chromium	ppm	<1	1	1	<1
Molybdenum	ppm	<1	2	2	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	3	3	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	15	27	23	8
Magnesium	ppm	3	6	7	2
Zinc	ppm	15	30	29	18
Phosphorus	ppm	1338	1388	1459	1487
Barium	ppm	0	1	<1	<1
Boron	ppm	190	129	153	266

#### 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: 5709063  
Signed: Wes Davis  
Report Date: 10 Jan 2024



### GRAPHS

