

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M 122402-1218 - Rear Differential

Sample No: LH0260828

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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

Sample Number	LH0260828	LH0225335	LH0242960	LH0242864
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	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

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

Silicon	ppm	5	3	3	2
Sodium	ppm	5	0	<1	<1
Potassium	ppm	1	<1	1	0



#### WEAR METALS

Iron	ppm	38	5	8	14
Copper	ppm	2	2	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	0	0	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	13	7	3	18
Magnesium	ppm	4	2	<1	<1
Zinc	ppm	17	10	6	8
Phosphorus	ppm	1460	1453	1513	1463
Barium	ppm	<1	0	0	0
Boron	ppm	240	264	288	285

#### 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: 5631260  
Signed: Wes Davis  
Report Date: 24 Aug 2023



### GRAPHS

