

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 112212-1217 - Front Differential

Sample No: LH0269832

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



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

Sample Number	LH0269832	LH0238759	LH0242989	LH0225190
Sample Date	26 Aug 2023	18 Apr 2023	13 Jan 2023	28 Aug 2022
Machine Hours	10300	9262	8735	7991
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	107	107	108
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	5	5	4	5
Copper	ppm	6	6	4	7
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	3	12	7	29
Magnesium	ppm	<1	0	<1	<1
Zinc	ppm	9	16	13	15
Phosphorus	ppm	1390	1484	1505	1373
Barium	ppm	0	0	0	0
Boron	ppm	273	286	294	268

#### 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: 5633150  
Signed: Wes Davis  
Report Date: 01 Sep 2023



### GRAPHS

