

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 110922-1218 - Rear Left Wheel Hub

Sample No: LH0256384

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



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

Sample Number	LH0256384	LH	LH0242927	LH0235246
Sample Date	27 Jul 2023	28 Apr 2023	31 Dec 2022	12 Oct 2022
Machine Hours	17285	15958	15015	14681
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	108	106
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CONTAMINATION

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



WEAR METALS

Iron	ppm	71	22	11	26
Copper	ppm	4	2	<1	3
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	4	0	0	0
Manganese	ppm	2	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	14	15	14	27
Magnesium	ppm	2	<1	1	3
Zinc	ppm	18	17	11	21
Phosphorus	ppm	1497	1493	1457	1439
Barium	ppm	0	0	0	0
Boron	ppm	255	255	291	260

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: 5620246
Signed: Wes Davis
Report Date: 10 Aug 2023

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GRAPHS

