

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 122402-1218 - Rear Right Wheel Hub

Sample No: LH0274199

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	LH0274199	LH0256414	LH0225339	LH0242964
Sample Date	21 Oct 2023	19 Aug 2023	17 Jun 2023	23 May 2023
Machine Hours	8989	8585	7934	8121
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	104	105	105
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CONTAMINATION

Silicon	ppm	5	5	3	3
Sodium	ppm	6	5	<1	<1
Potassium	ppm	<1	1	<1	1



WEAR METALS

Iron	ppm	45	34	6	9
Copper	ppm	2	2	2	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	<1	1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	14	12	7	3
Magnesium	ppm	3	4	2	<1
Zinc	ppm	15	15	9	6
Phosphorus	ppm	1405	1462	1471	1515
Barium	ppm	<1	0	0	0
Boron	ppm	243	247	267	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: 5669297
Signed: Wes Davis
Report Date: 26 Oct 2023



GRAPHS

