

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 120282-1218 - Rear Differential

Sample No: LH0261215

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	LH0261215	LH0256423	LH0242888	LH0242984
Sample Date	01 Jul 2023	13 May 2023	12 Mar 2023	04 Jan 2023
Machine Hours	11397	10974	10316	9289
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	● 104	● 105	● 106	● 107
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CONTAMINATION

Silicon	ppm	● 4	● 3	● 3	● 2
Sodium	ppm	● 3	● <1	● <1	● <1
Potassium	ppm	● <1	● 0	● <1	● <1



WEAR METALS

Iron	ppm	● 18	● 5	● 8	● 3
Copper	ppm	● 1	● <1	● <1	● <1
Lead	ppm	● 0	● 0	● 0	● <1
Tin	ppm	● 0	● 0	● 0	● 0
Aluminum	ppm	● <1	● 0	● <1	● <1
Chromium	ppm	● 0	● 0	● 0	● 0
Molybdenum	ppm	● <1	● 0	● 0	● 0
Nickel	ppm	● <1	● 0	● 0	● 0
Titanium	ppm	● 0	● 0	● 0	● 0
Silver	ppm	● 0	● 0	● 0	● 0
Manganese	ppm	● <1	● 0	● <1	● 0
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIVES

Calcium	ppm	● 7	● 3	● 7	● 5
Magnesium	ppm	● 2	● 0	● <1	● <1
Zinc	ppm	● 12	● 6	● 11	● 10
Phosphorus	ppm	● 1469	● 1551	● 1489	● 1468
Barium	ppm	● 0	● 0	● 0	● 0
Boron	ppm	● 258	● 279	● 291	● 302

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: 5606518
Signed: Wes Davis
Report Date: 12 Jul 2023



GRAPHS

