

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 120282-1218 - Swing Drive

Sample No: LH0260835

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	LH0260835	LH0269970	LH0261213	LH0261085
Sample Date	04 Aug 2023	29 Jul 2023	01 Jul 2023	29 Jun 2023
Machine Hours	11596	11497	11397	11397
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	105	104	104	102
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CONTAMINATION

Water	%	---	---	0.092	---
Silicon	ppm	4	4	5	4
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

PQ		---	0	---	---
Iron	ppm	343	350	216	217
Copper	ppm	57	58	34	33
Lead	ppm	2	1	<1	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	3	3	2	2
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	2	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	14	14	39	15
Magnesium	ppm	2	3	3	4
Zinc	ppm	17	17	31	16
Phosphorus	ppm	1431	1574	1480	1412
Barium	ppm	0	0	0	0
Boron	ppm	238	253	262	259

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: 5620223
Signed: Wes Davis
Report Date: 10 Aug 2023

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GRAPHS

