

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 120282-1218 - Swing Drive

Sample No: LH0261085

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	LH0261085	LH0225340	LH0256421	LH0242886
Sample Date	29 Jun 2023	17 Jun 2023	13 May 2023	12 Mar 2023
Machine Hours	11397	10926	10974	10316
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	SEVERE	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	102	109	104	105
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CONTAMINATION

Water	%	---	1.689	---	---
Silicon	ppm	4	6	2	2
Sodium	ppm	<1	2	<1	<1
Potassium	ppm	<1	2	0	<1



WEAR METALS

PQ		---	0	---	---
Iron	ppm	217	330	27	39
Copper	ppm	33	81	50	61
Lead	ppm	<1	2	2	2
Tin	ppm	<1	1	2	2
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	2	3	0	<1
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	15	37	31	32
Magnesium	ppm	4	2	2	<1
Zinc	ppm	16	42	23	25
Phosphorus	ppm	1412	1504	1528	1451
Barium	ppm	0	0	0	0
Boron	ppm	259	281	274	273

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: 5605124
Signed: Wes Davis
Report Date: 05 Jul 2023

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GRAPHS

