

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 060802-1205 - Rear Differential

Sample No: LH

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	LH	LH0256392	LH0242840	LH0242839
Sample Date	24 Jul 2023	30 Apr 2023	08 Jan 2023	08 Jan 2023
Machine Hours	15000	14708	14123	14123
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	105	106	108	109



CONTAMINATION

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



WEAR METALS

Element	ppm	5	4	8	3
Iron	ppm	5	4	8	3
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	ppm	6	4	24	23
Calcium	ppm	6	4	24	23
Magnesium	ppm	<1	<1	2	<1
Zinc	ppm	8	7	13	12
Phosphorus	ppm	1488	1543	1463	1445
Barium	ppm	0	0	0	0
Boron	ppm	274	283	287	284

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: 5617058
Signed: Wes Davis
Report Date: 25 Jul 2023



GRAPHS

