

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 110922-1218 - Front Differential

Sample No: LH0177717

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



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	LH0177717	LH0238752	LH	LH0242923
Sample Date	06 Sep 2023	27 Jul 2023	28 Apr 2023	31 Dec 2022
Machine Hours	17873	17285	15958	15015
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	106	106	106	108
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CONTAMINATION

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



WEAR METALS

Iron	ppm	3	10	5	2
Copper	ppm	<1	1	<1	0
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	0	0
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	6	7	13
Magnesium	ppm	1	<1	0	<1
Zinc	ppm	8	9	8	9
Phosphorus	ppm	1362	1496	1538	1472
Barium	ppm	0	<1	<1	0
Boron	ppm	263	277	283	297

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: 5642083
Signed: Wes Davis
Report Date: 07 Sep 2023



GRAPHS

