

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 110922-1218 - Front Differential

Sample No: LH0238752

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



ARCELORMITTAL LONG PRODUITS CANADA
3185 ROUTE MARIE-VICTORIN
CONTRECOEUR, QC
CA J0L 1C0
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SAMPLE INFORMATION

Sample Number	LH0238752	LH	LH0242923	LH0235243
Sample Date	27 Jul 2023	28 Apr 2023	31 Dec 2022	12 Oct 2022
Machine Hours	17285	15958	15015	14681
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	106	106	108	106
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CONTAMINATION

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



WEAR METALS

Iron	ppm	10	5	2	27
Copper	ppm	1	<1	0	3
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	7	13	27
Magnesium	ppm	<1	0	<1	3
Zinc	ppm	9	8	9	21
Phosphorus	ppm	1496	1538	1472	1436
Barium	ppm	<1	<1	0	0
Boron	ppm	277	283	297	257

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: 5620245
Signed: Wes Davis
Report Date: 10 Aug 2023



GRAPHS

