

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 122402-1218 - Rear Differential

Sample No: LH0274203

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	LH0274203	LH0260828	LH0225335	LH0242960
Sample Date	21 Oct 2023	19 Aug 2023	17 Jun 2023	23 May 2023
Machine Hours	8989	8585	7934	8121
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	105	105	105	105
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CONTAMINATION

Silicon	ppm	5	5	3	3
Sodium	ppm	6	5	0	<1
Potassium	ppm	<1	1	<1	1



WEAR METALS

Iron	ppm	44	38	5	8
Copper	ppm	2	2	2	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	15	13	7	3
Magnesium	ppm	4	4	2	<1
Zinc	ppm	16	17	10	6
Phosphorus	ppm	1367	1460	1453	1513
Barium	ppm	<1	<1	0	0
Boron	ppm	241	240	264	288

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: 5669299
Signed: Wes Davis
Report Date: 26 Oct 2023



GRAPHS

