

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 122402-1218 - Front Left Wheel Hub

Sample No: LH0274202

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	LH0274202	LH0256417	LH0225336	LH0242961
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	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	103	104	102	103
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CONTAMINATION

Silicon	ppm	3	3	7	3
Sodium	ppm	2	2	<1	<1
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	20	19	43	21
Copper	ppm	<1	<1	6	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	2	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	16	10	14	10
Magnesium	ppm	2	2	3	<1
Zinc	ppm	11	10	14	8
Phosphorus	ppm	1397	1442	1488	1522
Barium	ppm	<1	0	<1	0
Boron	ppm	278	276	271	292

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: 5669294
Signed: Wes Davis
Report Date: 26 Oct 2023



GRAPHS

