

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 120282-1218 - Front Left Wheel Hub

Sample No: LH0261216

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	LH0261216	LH0256424	LH0242889	LH0242985
Sample Date	01 Jul 2023	13 May 2023	12 Mar 2023	04 Jan 2023
Machine Hours	11397	10974	10316	9289
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	103	103	104	105
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CONTAMINATION

Silicon	ppm	11	4	6	3
Sodium	ppm	16	1	1	1
Potassium	ppm	3	0	<1	<1



WEAR METALS

Iron	ppm	134	24	30	19
Copper	ppm	7	2	2	2
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	1	<1
Chromium	ppm	1	0	0	0
Molybdenum	ppm	2	0	0	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	25	8	12	8
Magnesium	ppm	6	<1	1	<1
Zinc	ppm	32	10	14	13
Phosphorus	ppm	1449	1529	1501	1490
Barium	ppm	<1	0	0	0
Boron	ppm	161	277	288	306

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: 5606521
Signed: Wes Davis
Report Date: 12 Jul 2023



GRAPHS

