

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 112212-1217 - Front Left Wheel Hub

Sample No: LH0279440

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



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

Sample Number	LH0279440	LH0269834	LH0238757	LH0225172
Sample Date	05 Nov 2023	26 Aug 2023	19 Apr 2023	13 Jan 2023
Machine Hours	10681	10300	9262	8735
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	103	105	106
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CONTAMINATION

Silicon	ppm	7	29	13	2
Sodium	ppm	1	2	1	<1
Potassium	ppm	<1	1	<1	0



WEAR METALS

Iron	ppm	32	112	37	16
Copper	ppm	7	17	4	6
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	9	4	<1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	2	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	3	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	16	48	20	13
Magnesium	ppm	2	7	2	<1
Zinc	ppm	11	22	12	12
Phosphorus	ppm	1290	1431	1555	1486
Barium	ppm	<1	<1	0	0
Boron	ppm	276	277	288	289

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: 5672495
Signed: Wes Davis
Report Date: 09 Nov 2023



GRAPHS

